FLUID MANAGEMENT
Components
Welcome to Nordson MEDICAL!
Thank you for your interest in our products. If you’re a current customer, we appreciate your business and look forward to exceeding your expectations in the future. If you’re seeing us for the first time, we welcome the opportunity to earn your trust.

Nordson MEDICAL is backed by the extensive resources of Nordson Corporation (Nasdaq: NDSN), the world leader in precision dispensing, fluid management and related technologies.

We are your global integrated solutions partner in the design, development, and manufacturing of complex medical devices and component technologies. We serve interventional, surgical, and specialized markets as the engine of innovations that save or enhance patients’ lives.

We work with companies at any point in the product lifecycle to bring their innovative ideas to life. As a single-source partner, we enable our customers to save costs and speed time to market.

Our online store is the largest in the industry, giving customers fast access to 7,000+ components and technologies in stock and ready to ship, most within 24 hours.

Our three areas of focus provide customers with a complete solution:

Design & Development
Our 200+ technical team brings broad medical device expertise and a deep understanding of clinical applications. Services include:
- Concept generation
- Product design & engineering
- Rapid prototyping
- Project management
- New product introduction
- Testing & validation
- Quality & regulatory services

Components & Technologies
Our extensive portfolio of stock and custom components gives customers one-stop access to the critical building blocks for their complex, innovative medical devices.
- Fluid management components
- Catheters & cannulae
- Medical balloons
- Medical tubing
- Biomaterial delivery devices
- Nitinol components

Finished Device Solutions
We can leverage our in-house component and technology expertise to design, develop, and manufacture finished medical devices and subassemblies. This vertical integration helps teams reduce costs, mitigate risk, streamline supply chain, and ensure consistent quality. Our services include:
- Full-service manufacturing
- Finished devices & subassemblies
- Global manufacturing sites
- Dedicated transfer team
- Supply chain management
- Robust continuous improvement

What We Do
Our fluid management portfolio includes over 9,600 components designed specifically for flexible tubing in different style and material combinations. The Value Plastics product line includes luer fittings, check valves, bioprocessing fittings, tube-to-tube fittings, threaded fittings, and blood pressure monitoring components with tubing IDs ranging from 1/16" to 1". Our LinkTech line of quick connect couplings allows you to quickly and easily connect or disconnect fluid transfer lines and is available in hose barb, PTF, push-in, and threaded categories. We also offer custom component manufacturing, tubing, and select medical OEM components. Our application expertise extends to bioprocessing, blood pressure, cardiovascular, ophthalmic, and more. Our products find global application in demanding healthcare OEM, research and specialty industrial applications.

Our Quality Commitment to You
At Nordson MEDICAL, quality is designed in from the outset; it’s not an add-on at the end of the process. We are an FDA registered manufacturing facility and our Quality Management System is designed as a system of interrelated processes meeting the requirements of ISO 13485 and ISO 9001. We welcome our customers to conduct an on-site supplier audit with the knowledge that our systems have satisfied the most demanding requirements of medical device manufacturers worldwide. We are dedicated to exceeding your expectations.

Clean Room Manufacturing
Most Nordson MEDICAL products are manufactured and packaged in an environment that meets the requirements of ISO 14644-1 Class 8 (Class 100,000) standards. We utilize both manual and automated assembly processes tailored to manufacture the highest quality components.
Assembly and Finishing Capabilities
Nordson MEDICAL’s quality products are sophisticated and reliable. We have a solid reputation in today’s medical device and biotech markets with pressure and leak testing. We also offer manual, semi-automatic, and fully automatic finished good assembly.

Design, Engineering and R&D
Nordson MEDICAL’s staff of product development professionals uses the most modern equipment to design the best products available anywhere. Whether your need is for new products or custom solutions, our focus on healthcare OEMs means we understand your needs and don’t need to be coached to your industry requirements. Designs incorporating human factors, finite element analysis, DFMA, rapid prototyping and concurrent engineering are just some of the tools used to bring you the components you require, when you want them.

Manufacturing Consistency
Nordson MEDICAL is equipped with multiple injection molding machines including plastic injection molding and over molding including 2-shot and insert molding. Our all-electric injection molding presses are chosen for shot-to-shot consistency and outfitted with the most up-to-date process monitoring software available. Each operator is responsible for product quality at the press and has every tool at their disposal. All molding, secondary operations and packaging take place in a controlled environment to assure component readiness for your production floor.

Rapid Prototyping
Nordson MEDICAL’s engineering department is a leader in the industry. Using rapid prototyping and an in-house, high performance 3D printer, we can utilize multiple resins to provide certain material properties to components. We can execute highly representative prototypes and build a mold in two days, allowing us to deliver solutions with testable parts in a short time.

We use a system to verify potential product performance to expedite quality product design and development. The use of several tooling technologies allows us to incorporate innovative materials and processes to provide plastic components in a fraction of the time it may take to utilize metals.

We also execute detailed processes for evaluating application requirements to ensure the design focuses on ease of use, cost efficiency, design manufacturability, and top notch performance.

Regulatory Management
Nordson MEDICAL strives to provide our customers with the most up-to-date technical information, directly from the resin manufacturer, on the resins we use. We maintain a comprehensive list of all material and regulatory information, enabling you to select the most appropriate products for your particular application. Information we provide includes:

- Regulatory data
- Material data
- MSDS
- Typical resin properties
- Sterilization stability information
- Chemical resistance information

Visit www.nordsonmedical.com for technical information.

Customer Satisfaction
As with all of our medical parts, each bag comes with a product certification and traceable lot number. Our parts are manufactured and bagged in a clean room environment to accelerate your own usage.

At Nordson MEDICAL, we are dedicated to exceeding your expectations. As such, it is important to us that when you place an order you know exactly what to expect, when to expect it and that we will do everything we can to ensure that you receive components made to the required specifications.

Nordson MEDICAL implements and regulates an internal customer support system. Our goal is to provide you exceptional service and quality solutions. We track all support issues in order to meet ISO requirements, enhance customer satisfaction, and to continuously improve our initiatives.

When a support issue concerns one of our products, we begin an immediate investigation of our available stock and quarantine any suspected parts. We then complete all required formal corrective actions and inform the customer when the issue is resolved.

To contact customer service, please call us at (888) 404-5837 or (970) 267-5200.

Contact Us
Visit us at www.nordsonmedical.com for all your low pressure fluid management needs.
Fluid Management Components
With the largest selection in the industry, we offer cost-effective solutions that connect fluid management systems. Our components join flexible tubing assemblies, allowing you to easily regulate the flow of valuable media. Process management components, like quick connect fittings, luers, and tube-to-tube fittings, effortlessly and securely connect different elements of fluid administration devices. We also offer devices like stopcocks and check valves that control the transfer of fluids by regulating directional flow.

Catheters and Cannulae
Nordson MEDICAL can partner with you in all phases of catheter development, from design and development through manufacturing and assembly. In-house capabilities include custom balloon extrusions, balloon blowing, bonding, welding, and folding, coating and masking, printing, and more. Our expertise in engineered shafts includes braid- and coil-reinforced shafts. We can also utilize polymer solution casting technologies to build multiple performance characteristics and varying wall thicknesses and diameters into a single-piece construction, while maintaining tight tolerances.

Medical Balloons
We have the widest selection of medical balloons in the industry and can create any geometry with any material and virtually no limits on design. We offer the most complex medical balloons with the tightest tolerances, highest burst pressures, thinnest walls, and multiple unique design options, including coatings, textured surfaces, braided, and multilumen balloons.

Medical Tubing
From simple medical tubing to complex, tight-tolerance extruded tubing in a wide range of materials, we can meet your needs. We’re known for producing the world’s thinnest, smallest, and strongest heat shrink tubing, and our tubing line has expanded to include specialized items like polyimide tubing, PTFE liners, and a full range of single-lumen, multilumen, and multilayer extruded tubing.

Biomaterial Delivery Devices
Nordson MEDICAL provides proven solutions for accurate and precise delivery of tissue sealants, hemostatics, adhesion barriers, and other autologous or synthetic biomaterials for surgical applications. We develop biomaterial delivery systems that accurately deliver a single biomaterial—or precisely mix and deliver a dual-component therapy—to the surgical site. Our OsteoXpress™ and OsteoPrecision™ Graft Delivery Devices deliver allograft, autograft, or synthetic bone graft materials to an orthopedic surgical site, and we provide stock, custom, and private label products to a wide range of customers.

Nitinol Components
We are experts in complex manual nitinol wire braiding and forming and can achieve unique and complex geometries not possible by other methods. Symmetric and asymmetric structures are possible with spiral, wavy, or straight tip attachment options.
## Fluid Management Locations

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ISO 80369-6 Compliant Neuraxial Connectors
NE Series Neuraxial Connectors were designed, tested, qualified, and documented to be compliant with the recently published ISO 80369-6 standard. Small and lightweight, these connectors are easy to clean and offer comfort and compliance. The female connectors showcase wings and the male connectors have an easy-to-grip hub. The available caps and plugs seal off the connectors for irradiation, and there are vented versions for use with ethylene oxide (ETO) sterilization. PG-41

LinkTech Line of Quick Connect Couplings
Our line of LinkTech Quick Connect Couplings now provide you with thousands of styles in hose barb, PTF, push-in, and threaded categories. New connectors include 55 Series non-spill couplings that prevent leakage during disconnection, 42AC Series dual tube couplings that allow two separate fluid lines to run simultaneously, and 30AC Series plastic latch couplings that make an audible click when coupled. PG-42

Valved Male Luers
Complimentary to our line of needlefree swabable valves, our valved male luers are designed to attach directly to tubing during set assembly. They eliminate dripping and leakage when disconnected, doing away with the need for clamps. Styles include valved male luer to .125” barb or 4.0/4.1 mm bondable socket. PG-99

Divert™ Stopcocks
Offering more inventory parts, competitive pricing, and convenient minimum order quantities, Nordson MEDICAL makes switching to Divert™ Stopcocks easy. Our stopcocks are designed to easily control the flow of a liquid or gas through the use of an on/off diverter, and are available in three basic configurations – 1-way, 3-way, and 4-way. These chemically resistant stopcocks are available as standard or high flow and are offered in polycarbonate, PEI and nylon with HDPE diverters. Need more from your stopcocks? Put our high pressure stopcocks to the test, with pressure ratings up to 800 psi. PG-100

CYLINDRAFlow™ Manifolds
Nordson MEDICAL is proud to introduce the first all-in-one manifold for pharmaceutical and single-use biopharmaceutical fluid transfer applications. The revolutionary design of this patent-pending, compact fitting not only saves space, but also simplifies use and assembly. With five ports available in one component, gone are the many leak points found in traditional stopcock and Y connector manifolds. Ideal for downstream processing, multiple bags can easily be filled from one large bag. Flow is consistent as it travels around the inner body of the part, maintaining a steady pressure. The large flow selector is effortless to turn, and the lock-in-place feature gives you assurance that you are utilizing the desired port. PG-112

PharmaLok™ Tube Clamps
PharmaLok™ Tube Clamps effortlessly and securely close off flow, and are for use with silicone and TPE tubing. Maximum ODs are 1/2” for thin-walled tube clamps, 1” for tube clamps, and 2.5” for large tube clamps. PG-116

Instrument Tees
SF Series Instrument Tees work well with existing pharmaceutical instrumentation and are available in 1/2” and 1” tubing IDs. Critical to a successful single-use implementation, the fittings work for pressure testing, fluid transfer, and filtration applications. The configuration is a standard 1.5” TC style interface on the instrument side and tee style for the fluid path. The fittings also utilize Nordson MEDICAL’s popular 600 series barb, which is ideally suited for silicone and TPE tubing, and materials found in many single-use bags being used around the world. PG-122

Tube-to-Tube Reducer Fittings
New to Nordson MEDICAL’s comprehensive line of tube-to-tube fittings – Y reducers, tee reducers, and our patent-pending manifold reducers. Tubing IDs range from 1/8” to 1”, and all are available in polypropylene with our popular 600 series barbs. Reducing the need for clamps, the fittings provide a range of assembly forces, pulloff resistance, and blowoff resistance. PG-123

Need Samples for Evaluation?
You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.
+1 (970) 267-5200    Toll Free: (888) 404-5837
### GLOBAL PARTNERS

#### EUROPE:

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#### ASIA:

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<td>Kian Soon Mechanical Components Sdn Bhd</td>
<td>+60(64) 6460 318</td>
<td><a href="mailto:sales@kiansoon.com.sg">sales@kiansoon.com.sg</a></td>
</tr>
</tbody>
</table>

#### PHILIPPINES:

<table>
<thead>
<tr>
<th>Contact</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Dynamics, Inc.</td>
<td>63-2-7532881</td>
<td><a href="mailto:inquiry@airdynamics.com.sg">inquiry@airdynamics.com.sg</a></td>
</tr>
<tr>
<td>Kian Soon</td>
<td>+(65) 6291 1177</td>
<td><a href="mailto:sales@kiansoon.com.sg">sales@kiansoon.com.sg</a></td>
</tr>
<tr>
<td>PureSys (BioProcessing)</td>
<td>+(65) 6291 1177</td>
<td><a href="mailto:sales@puresys.com.sg">sales@puresys.com.sg</a></td>
</tr>
</tbody>
</table>

#### SINGAPORE:

<table>
<thead>
<tr>
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</thead>
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<tr>
<td>Air Dynamics Pte Ltd</td>
<td>65-64666884</td>
<td><a href="mailto:sales@airdynamics.com.sg">sales@airdynamics.com.sg</a></td>
</tr>
<tr>
<td>Kian Soon</td>
<td>+(65) 6291 1177</td>
<td><a href="mailto:sales@kiansoon.com.sg">sales@kiansoon.com.sg</a></td>
</tr>
<tr>
<td>PureSys (BioProcessing)</td>
<td>+(65) 6291 1177</td>
<td><a href="mailto:sales@puresys.com.sg">sales@puresys.com.sg</a></td>
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#### TAIWAN:

<table>
<thead>
<tr>
<th>Contact</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cintrade Enterprise, Inc (BioProcessing)</td>
<td>+886-2-8941-3600</td>
<td><a href="mailto:info@cintrade.com.tw">info@cintrade.com.tw</a></td>
</tr>
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#### THAILAND:

<table>
<thead>
<tr>
<th>Contact</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kian Soon CTC Mechanical Components Co., Ltd.</td>
<td>+(66) 2 682-9119</td>
<td><a href="mailto:sales@kiansoon.com.sg">sales@kiansoon.com.sg</a></td>
</tr>
</tbody>
</table>

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### SOUTH AMERICA:

<table>
<thead>
<tr>
<th>Country</th>
<th>Contact</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentina</td>
<td>Trusty Comércio e Representações Ltda. (TCR)</td>
<td>55 12 3132-3418</td>
<td><a href="mailto:sales@airdynamics.com.sg">sales@airdynamics.com.sg</a></td>
</tr>
<tr>
<td>Chile</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Ecuador</td>
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<td>Peru</td>
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<tr>
<td>Uruguay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brazil</td>
<td>R.D.V. International</td>
<td>+593-3-285-4369</td>
<td><a href="mailto:galohgutierrez@comcast.net">galohgutierrez@comcast.net</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### AUSTRALIA/NEW ZEALAND

<table>
<thead>
<tr>
<th>Contact</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Morris Scientific</td>
<td>+61 2 9498-4200</td>
<td><a href="mailto:info@johnmorris.com.au">info@johnmorris.com.au</a></td>
</tr>
<tr>
<td></td>
<td>1800 251 799</td>
<td></td>
</tr>
<tr>
<td></td>
<td><a href="http://www.johnmorrisgroup.com">www.johnmorrisgroup.com</a></td>
<td></td>
</tr>
</tbody>
</table>
“It would have taken me two to three times as long and two to three times as much money without Nordson MEDICAL. This is who you want to work with. They have become part of our team.”

Fitting The World’s Most Fluid Designs

How it Works:

1. Define Your Product Requirements:
   Describe your application and requirements or provide us with a drawing or simple sketch. From here we can determine what details are needed and can help define the most ideal and cost-effective connector concept for your application.

2. Call the Design Center to Explore Your Connector Options:
   There may be a suitable off-the-shelf solution or perhaps we can adapt an existing connector to your application. Oftentimes the modification of an existing mold can be significantly faster and less expensive.

3. Collaborate:
   Working with your requirements, we can help walk you through the most cost-effective solutions to achieve your desired performance. That may mean simply taking 2 or 3 connectors and identifying a low-cost means to roll them into a single connector.

4. Go-to-Market:
   As we arrive at a solution together, we closely involve your team in the design and development process to ensure that as we approach production you have everything you need for qualification to get you to market both quickly and safely. The rest is up to you!
What happens when “off-the-shelf” just doesn’t work? 
The Design Center builds a new shelf!

Your Solution. Faster. For Less.
With project requirements and timelines becoming increasingly demanding, it’s critical to partner with a team who understands fluid management solutions and the rigors of today’s medical device and biotech markets. Team up with the Nordson MEDICAL Design Center for your custom connector needs, whose market leading service, quality and delivery you’ve already come to know.

Here’s What You Can Expect From Our Design Center and the “Specialists in Fluid Connections”:

Save Time – Talk to someone who understands your application requirements. The Design Center works with you to determine the most suitable material and design options to deliver the best performing product as cost-effectively as possible. We also utilize state of the art rapid prototyping techniques and in-house testing facilities to keep your project moving quickly and economically.

Save Money – Start with our existing product offering of over 4,000 fluid connectors, or utilize some of our existing mold configurations toward perfectly customizing a part to your application. Don’t forget, our technical and design assistance is FREE!

Save Trouble – Ensure that everything around your project will be done right the first time. Our dedicated and experienced staff will make sure that the finest details are covered from the time that we review your product requirements to the final product qualification.

The Design Center can also assist you in developing fluid connectors that comply to emerging standards. Nordson MEDICAL is an active member of the ISO 80369 standards group defining new standard connectors for small bore, medical device connections.

Custom Assembly – Our knowledgeable team of engineers offers capabilities to the biotechnical market through custom-made assemblies created in our design center. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

To get started today contact your Nordson MEDICAL Design Services Manager:
Toll Free - +1 (866) 582-0965
Email - designcenter@nordsonmedical.com
LUER Fittings

Our Luer Tapers
Nordson MEDICAL’s luer tapers are made to the ISO 594-1 and ISO 594-2 standards, and may be connected to other luers meeting these ISO standards. Please test your application to verify the performance of the interconnection.

Nordson MEDICAL’s luer fittings come in over 100 configurations and several materials for the device designer, joining tubing from 1/16” (1.6 mm) ID to 1/4” (6.4 mm) ID.

Features & Benefits:
Published ISO Design Standard
• Well understood worldwide
• Often assures interconnections without need to retrofit
Rotating Lock Permits Tube Positioning Prior To Tightening
• Minimizes twisting and kinking of tubing
Tapered Cone Seal
• Reliable
• Inexpensive
• Uncomplicated
Available In Many Materials
• Facilitates optimal material selection for your application
Inexpensive
• Facilitates single-use
Easy To Understand
• Ease of use in field
Many Configuration Options
• Adaptable to wide range of applications
Security Options (Fixed Lock, Rotating Lock, No Lock)
• Tailorable to your specific application

Custom Assembly
We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.
### Male Luer Integral Lock Ring

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>ID Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTLL210 (-1 -2 -3 -4 -5 -06 -6005 -6012 -07 -9 -9002 -J1A)</td>
<td>Male Luer Integral Lock Ring to 200 Series Barb, 1/16&quot; (1.6 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL410 (-1 -6005 -9 -9002 -J1A)</td>
<td>Male Luer Integral Lock Ring to 400 Series Barb, 1/16&quot; (1.6 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL004 (-1 -2 -3 -4 -5 -06 -6005 -07 -9 -9002)</td>
<td>Male Luer Integral Lock Ring to 500 Series Barb, 1/16&quot; (1.6 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL220 (-1 -2 -3 -4 -5 -06 -6005 -6012 -07 -9 -9002 -J1A)</td>
<td>Male Luer Integral Lock Ring to 200 Series Barb, 3/32&quot; (2.4 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL420 (-1 -6005 -9 -9002 -J1A)</td>
<td>Male Luer Integral Lock Ring to 400 Series Barb, 3/32&quot; (2.4 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL007 (-1 -2 -3 -4 -5 -6005 -06 -07 -9 -9002)</td>
<td>Male Luer Integral Lock Ring to 500 Series Barb, 3/32&quot; (2.4 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL230 (-1 -2 -3 -4 -5 -06 -6005 -6012 -07 -9 -9002 -J1A -CM550)</td>
<td>Male Luer Integral Lock Ring to 200 Series Barb, 1/8&quot; (3.2 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL430 (-1 -3 -6005 -9 -9002 -J1A)</td>
<td>Male Luer Integral Lock Ring to 400 Series Barb, 1/8&quot; (3.2 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL013 (-1 -2 -3 -4 -5 -06 -6005 -07 -9 -9002)</td>
<td>Male Luer Integral Lock Ring to 500 Series Barb, 1/8&quot; (3.2 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL240 (-1 -2 -3 -4 -5 -6005 -6012 -06 -07 -9 -9002 -J1A)</td>
<td>Male Luer Integral Lock Ring to 200 Series Barb, 5/32&quot; (4.0 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL025 (-1 -2 -3 -4 -5 -6005 -06 -07 -9 -9002)</td>
<td>Male Luer Integral Lock Ring to 500 Series Barb, 5/32&quot; (4.0 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL445 (-1 -6005 -9 -9002 -J1A)</td>
<td>Male Luer Integral Lock Ring to 400 Series Barb, 1/4&quot; (6.4 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL250 (-1 -2 -3 -4 -5 -6005 -07 -8003 -9 -9002 -J1A)</td>
<td>Male Luer Integral Lock Ring to 200 Series Barb, 1/4&quot; (6.4 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL450 (-1 -6005 -9 -9002 -J1A)</td>
<td>Male Luer Integral Lock Ring to 400 Series Barb, 1/4&quot; (6.4 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL035 (-1 -2 -3 -4 -5 -6005 -07 -9 -9002)</td>
<td>Male Luer Integral Lock Ring to 500 Series Barb, 1/4&quot; (6.4 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL360 (-1 -2 -6005 -6012 -9 -9002 -J1A)</td>
<td>Male Luer Integral Lock Ring to 300 Series Barb, 1/4&quot; (6.4 mm)</td>
<td>Tubing</td>
</tr>
<tr>
<td>MTLL055 (-1 -2 -3 -4 -6005 -07 -9 -9002)</td>
<td>Male Luer Integral Lock Ring to 500 Series Barb, 1/4&quot; (6.4 mm)</td>
<td>Tubing</td>
</tr>
</tbody>
</table>

**Part Drawings Online!**

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings. [www.nordsonmedical.com](http://www.nordsonmedical.com)
**MALE Luer:** Slip, or for use with Lock Ring

<table>
<thead>
<tr>
<th>MLRL004 (-1 -6005 -9)</th>
<th>Male Luer to 500 Series Barb, 1/16&quot; (1.6 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLRL007 (-1 -6005 -6012 -9)</td>
<td>Male Luer to 500 Series Barb, 3/32&quot; (2.4 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)</td>
</tr>
<tr>
<td>MLRL013 (-1 -6005 -6012 -9)</td>
<td>Male Luer to 500 Series Barb, 1/8&quot; (3.2 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)</td>
</tr>
<tr>
<td>MLRL025 (-1 -6005 -6012 -9)</td>
<td>Male Luer to 500 Series Barb, 5/32&quot; (4.0 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)</td>
</tr>
<tr>
<td>MLRL035 (-1 -6005 -6012 -9 -9002)</td>
<td>Male Luer to 500 Series Barb, 3/16&quot; (4.8 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MLSL004 (-1 -6005 -9)</th>
<th>Male Luer to 500 Series Barb, 1/16&quot; (1.6 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)</th>
</tr>
</thead>
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<tr>
<td>MLSL007 (-1 -6005 -9)</td>
<td>Male Luer to 500 Series Barb, 3/32&quot; (2.4 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)</td>
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<td>MLSL013 (-1 -6005 -9)</td>
<td>Male Luer to 500 Series Barb, 1/8&quot; (3.2 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)</td>
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<td>MLSL025 (-1 -6005 -9)</td>
<td>Male Luer to 500 Series Barb, 5/32&quot; (4.0 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)</td>
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<tr>
<td>MLSL035 (-1 -6005 -9)</td>
<td>Male Luer to 500 Series Barb, 3/16&quot; (4.8 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)</td>
</tr>
</tbody>
</table>

**It's a Lock with Nordson MEDICAL!**

Our MLRL and MLSL Series of fittings can be used both as a slip luer or as a locking luer with the addition of our FSLLR luer lock ring, which allows color coding without flow path contact. Our MLSL/FSLLR combination results in a stationary lock ring. Use a combination of MLRL and FSLLR to create a color coded rotating lock ring.

The MLRL allows FSLLR/lock ring rotation

The MLSL has flanges which lock into the FSLLR, preventing rotation

Used together, you can create a color coded male luer with lock ring.
### Male Luer:

**Slip**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTLS210 (-1 -6005 -9 -J1A)</td>
<td>Male Luer Slip to 200 Series Barb, 1/16” (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>MSL004 (-1 -6005 -9 -9002)</td>
<td>Male Luer Slip to 500 Series Barb, 1/16” (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>MTLS220 (-1 -3 -5 -6005 -6012 -81 -9 -J1A)</td>
<td>Male Luer Slip to 200 Series Barb, 3/32” (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>MSL007 (-1 -6005 -9 -9002)</td>
<td>Male Luer Slip to 500 Series Barb, 3/32” (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>MTLS230 (-1 -3 -5 -6005 -81 -9 -9002 -J1A)</td>
<td>Male Luer Slip to 200 Series Barb, 1/8” (3.2 mm) ID Tubing</td>
</tr>
<tr>
<td>MSL013 (-1 -6005 -9 -9002)</td>
<td>Male Luer Slip to 500 Series Barb, 1/8” (3.2 mm) ID Tubing</td>
</tr>
<tr>
<td>MTLS240 (-1 -2 -5 -6005 -6012 -9 -J1A)</td>
<td>Male Luer Slip to 200 Series Barb, 5/32” (4.0 mm) ID Tubing</td>
</tr>
<tr>
<td>MSL025 (-1 -6005 -9 -9002)</td>
<td>Male Luer Slip to 500 Series Barb, 5/32” (4.0 mm) ID Tubing</td>
</tr>
<tr>
<td>MSL035 (-1 -6005 -9 -9002 -J1A)</td>
<td>Male Luer Slip to 500 Series Barb, 3/16” (4.8 mm) ID Tubing</td>
</tr>
<tr>
<td>MSL055 (-1 -6005 -9 -9002)</td>
<td>Male Luer Slip to 500 Series Barb, 1/4” (6.4 mm) ID Tubing</td>
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</table>

### Female Luer:

**Thread Style**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>FTLL210 (-1 -2 -3 -4 -5 -6005 -6012 -9 -9002 -J1A)</td>
<td>Female Luer Thread Style to 200 Series Barb, 1/16” (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>FTLL410 (-1 -6005 -9 -9002 -J1A)</td>
<td>Female Luer Thread Style to 400 Series Barb, 1/16” (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>FTLL004 (-1 -2 -3 -4 -5 -6005 -07 -9 -9002 -J1A)</td>
<td>Female Luer Thread Style to 500 Series Barb, 1/16” (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>FTLL220 (-1 -2 -3 -5 -6005 -6012 -9 -9002 -J1A)</td>
<td>Female Luer Thread Style to 200 Series Barb, 3/32” (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>FTLL420 (-1 -6005 -9 -9002 -J1A)</td>
<td>Female Luer Thread Style to 400 Series Barb, 3/32” (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>FTLL230 (-1 -2 -3 -5 -6005 -6012 -9 -9002 -J1A -CM550)</td>
<td>Female Luer Thread Style to 200 Series Barb, 1/8” (3.2 mm) ID Tubing</td>
</tr>
<tr>
<td>FTLL007 (-1 -2 -3 -4 -5 -6005 -07 -9 -9002)</td>
<td>Female Luer Thread Style to 500 Series Barb, 3/32” (2.4 mm) ID Tubing</td>
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<tr>
<td>FTLL220 (-1 -2 -3 -5 -6005 -6012 -9 -9002 -J1A)</td>
<td>Female Luer Thread Style to 200 Series Barb, 3/32” (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>FTLL430 (-1 -6005 -9 -9002 -J1A)</td>
<td>Female Luer Thread Style to 400 Series Barb, 1/8” (3.2 mm) ID Tubing</td>
</tr>
<tr>
<td>FTLL013 (-1 -2 -3 -4 -5 -6005 -07 -9 -9002)</td>
<td>Female Luer Thread Style to 500 Series Barb, 1/8” (3.2 mm) ID Tubing</td>
</tr>
</tbody>
</table>
Why Choose a Smooth Bore?

Our Smooth Bore Luers have a smooth inner transition providing for easy insertion of guide wires, probes and other devices.

FEMALE LUER:
Thread Style

FTLL240 (-1 -2 -3 -5 -6005 -6012 -9 -9002 -J1A)
Female Luer Thread Style to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

FTLL025 (-1 -2 -3 -4 -5 -6005 -07 -9 -9002)
Female Luer Thread Style to 500 Series Barb, 5/32" (4.0 mm) ID Tubing

FTLL445 (-1 -6005 -9 -9002 -J1A)
Female Luer Thread Style to 400 Series Barb, .170" (4.3 mm) ID Tubing

FTLL250 (-1 -3 -5 -6005 -9 -9002 -J1A)
Female Luer Thread Style to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

FTLL035 (-1 -2 -3 -4 -5 -6005 -07 -9 -9002 -J1A)
Female Luer Thread Style to 500 Series Barb, 3/16" (4.8 mm) ID Tubing

FTLL360 (-1 -3 -5 -6005 -6012 -9 -9002 -J1A)
Female Luer Thread Style to 300 Series Barb, 1/4" (6.4 mm) ID Tubing

FTLL055 (-1 -2 -3 -4 -5 -6005 -07 -9 -9002)
Female Luer Thread Style to 500 Series Barb, 1/4" (6.4 mm) ID Tubing

FTLL450 (-1 -6005 -9 -9002 -J1A)
Female Luer Thread Style to 400 Series Barb, 1/4" (6.4 mm) ID Tubing

FTLLSB004 (-1 -6005 -9)
Female Luer Thread Style Smooth Bore to 500 Series Barb, 1/16" (1.6 mm) ID Tubing

FTLLSB007 (-1 -4 -6005 -9)
Female Luer Thread Style Smooth Bore to 500 Series Barb, 3/32" (2.4 mm) ID Tubing

FTLLSB013 (-1 -6005 -9)
Female Luer Thread Style Smooth Bore to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

FTLLSB013 (-1 -6005 -9)
Female Luer Thread Style Smooth Bore to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

FEMALE LUER:
Lug Style

FTL10 (-1 -6005 -9 -J1A)
Female Luer Lug Style to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

FTL210 (-1 -6005 -9 -J1A)
Female Luer Lug Style to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

FTL20 (-1 -6005 -7 -81 -9 -J1A)
Female Luer Lug Style to Classic Series Barb, 3/32" (2.4 mm) ID Tubing

FTL220 (-1 -3 -5 -6005 -6012 -9 -J1A)
Female Luer Lug Style to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

FTL30 (-1 -6005 -6012 -9 -J1A)
Female Luer Lug Style to Classic Series Barb, 1/8" (3.2 mm) ID Tubing
FEMALE LUER:
Lug Style

FTL230 (-1 -3 -5 -6005 -9 -J1A)
Female Luer Lug Style to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

FTL240 (-1 -6005 -9 -J1A)
Female Luer Lug Style to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

LUER:
Adapters, Couplers, and Lock Rings

FSLR (-1 -2 -3 -4 -5 -06 -6005 -6012 -07 -9 -9002)
Finger Snap Luer Lock Ring

MLRLC (-1 -6005 -9)
Male Luer Coupler (May be used with separate rotating lock rings; FSLLR)

MTLCS (-1 -6005 -9 -J1A)
Male Luer Slip Coupler

FTLC (-1 -6005 -9 -9002 -J1A)
Female Luer Lug Style Coupler

FTLC (-1 -6005 -9 -9002 -J1A)
Female Luer Lug Style Coupler

FTLC (-1 -6005 -9 -9002 -J1A)
Female Luer Lug Style Coupler

LC34 (-1 -6005 -9 -9002 -J1A)
Male Luer Integral Lock Ring to Female Luer Thread Style Coupler

LC78 (-1 -6005 -9 -9002 -J1A)
Male Luer to Female Luer Thread Style Coupler (May be used with separate rotating lock ring; FSLLR)

LT878 (-1 -6005 -9 -9002)
Female Luer Thread Style (2) to Male Luer Tee (May be used with separate rotating lock ring; FSLLR)

LT787 (-1 -6005 -8012 -9 -9002)
Male Luer (2) to Female Luer Thread Style Tee (May be used with separate rotating lock ring; FSLLR)

FTLT (-1 -6005 -9 -J1A)
Female Luer Lug Style Tee

FTLE (-1 -6005 -9 -J1A)
Female Luer Thread Style Elbow

FTLE (-1 -6005 -9 -J1A)
Female Luer Thread Style Elbow

LE87 (-1 -6005 -803 -9 -9002)
Male Luer to Female Luer Thread Style Elbow (May be used with separate rotating lock ring; FSLLR)

LE7220 (-1 -2 -9 -6012)
Male Luer to 200 Series Barb Elbow, 3/32" (2.4 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)
LUER: Adapters, Couplers, and Lock Rings

LE7230 (-1 -2 -6005 -6012 -9 -9010)
Male Luer to 200 Series Barb Elbow 1/8" (3.2 mm) ID Tubing (May be used with separate rotating lock ring; FSL LR)

CA091 (-001) Gamma Stable Polycarbonate
Male Luer Elbow to 3/16" Classic Series Barb, (CF361-9002) with Rotating Lock Ring (FSLLR-9002)

LUER: Plugs and Caps

MTLLP (-1 -2 -3 -6005 -6012 -07 -9 -J1A)
Male Luer Integral Lock Ring Plug, Closed at Luer Tip

LP4 (-1 -2 -3 -4 -5 -6005 -9 -9002 -J1A)
Male Luer Integral Lock Ring Plug, Closed at Grip

VLP4 (-1 -3 -6005 -81 -J1A)
Male Luer Integral Lock Ring Vented Plug, Closed at Grip

MLRLP (-1 -6005 -9)
Male Luer Plug (May be used with separate rotating lock ring; FSL LR)

MLSLP (-1 -6005 -9)
Male Luer Plug (May be used with separate stationary lock ring; FSL LR)

MTLP (-1 -6005 -9 -J1A)
Male Luer Plug, Closed at Tether Loop (May be used with separate stationary lock ring; MLLR)

MTLSP (-1 -6005 -81 -9 -J1A)
Male Luer Slip Plug, Closed at Grip

FTLP (-1 -6005 -9 -J1A)
Female Luer Lug Style Cap with Tether Loop

FTLLP (-1 -2 -3 -5 -6005 -6012 -07 -81 -9 -9002 -J1A)
Female Luer Thread Style Cap

LP34 (-1 -3 -5 -6005 -9 -9002 -J1A)
Male Luer Integral Lock Ring to Female Luer Thread Style Plug

Need Samples for Evaluation?
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www.nordsonmedical.com
**LUER TO THREAD:**

**Male**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABSML-6005 UNDER (-1 -2 -3 -4 -5 -06 -07 -6012)</td>
<td>Male Luer with Rotating Lock Ring and 5/16&quot; Hex to 1/4-28 UNF Bottom Sealing Thread</td>
</tr>
<tr>
<td>XMLRL (-1 -6005 -9 -9002)</td>
<td>Male Luer with 1/4&quot; Hex to 10-32 Special Tapered Thread (May be used with separate rotating lock ring; FSLR)</td>
</tr>
<tr>
<td>ABSML-J1A UNDER (-1 -2 -3 -4 -5 -06 -07)</td>
<td>Male Luer with Rotating Lock Ring and 5/16&quot; Hex to 1/4-28 UNF Bottom Sealing Thread</td>
</tr>
<tr>
<td>SMLRL (-1 -6005 -9 -J1A)</td>
<td>Male Luer with 5/16&quot; Hex to 1/4-28 UNF Thread (May be used with separate rotating lock ring; FSLR)</td>
</tr>
<tr>
<td>XMTLL (-1 -6005 -9 -J1A)</td>
<td>Male Luer Integral Lock Ring to 10-32 Special Tapered Thread</td>
</tr>
<tr>
<td>SMTLL (-1 -6005 -6012 -9 -J1A)</td>
<td>Male Luer Integral Lock Ring to 1/4-28 UNF Thread</td>
</tr>
<tr>
<td>18MTLL (-1 -2 -6005 -6012 -J1A)</td>
<td>Male Luer Integral Lock Ring with 7/16&quot; Hex to 1/8-27 NPT Thread</td>
</tr>
<tr>
<td>14MTLL (-1 -2 -6005 -6012)</td>
<td>Male Luer Integral Lock Ring with 9/16&quot; Hex to 1/4-18 NPT Thread</td>
</tr>
</tbody>
</table>

**Looking for Something Different?**

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there’s a new product you think Nordson MEDICAL should make, please send us an Email at designcenter@nordsonmedical.com describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 10 for more information on the Design Center!

**Need More Details?**

Part drawings, minimum order quantities, and CAD requests can be found online. Visit [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at FMF-sales@nordsonmedical.com.
### Luer to Thread:

**Female**

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>XFTLL (-1 -6005 -9 -J1A)</td>
<td>Female Luer Thread Style with 1/4” Hex to 10-32 Special Tapered Thread</td>
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</tbody>
</table>

### Panel Mounts:

**Female Thread Style**

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTLLB210 (-1 -2 -6005 -9 -J1A)</td>
<td>Female Luer Thread Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/16” (1.6 mm) ID Tubing</td>
</tr>
</tbody>
</table>

### Fully Assembled Panel-Mounted Luer

**Female Luer Thread Style Panel Mount 1/4-28 UNF to Male Luer (May be used with separate rotating lock ring; FSLLR)**

### Need More Details?

Additional threaded solutions are shown on PG-134-143. Check out all of our threaded style parts at www.nordsonmedical.com or contact Sales at FMF-sales@nordsonmedical.com.

### Did You Know?

Nordson MEDICAL has an interactive PDF available online at www.nordsonmedical.com. Access part drawings, reference charts, data sheets, and more from just one location!
**PANEL MOUNTS:**
Female Lug Style and Male Luer

**FTLB210 (-1 -6005 -9 -J1A)**
Female Luer Lug Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**FTLB220 (-1 -6005 -9 -J1A)**
Female Luer Lug Style Panel Mount 1/4-28 UNF to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**FTLB230 (-1 -6005 -9 -J1A)**
Female Luer Lug Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**MLRLB210 (-1 -6005)**
Male Luer Panel Mount 10-32 UNF to 200 Series Barb, 1/16" (1.6 mm) ID Tubing. (May be used with separate rotating lock ring; FSLLR)

**MLRLB220 (-1 -6005)**
Male Luer Panel Mount 10-32 UNF to 200 Series Barb, 3/32" (2.4 mm) ID Tubing. (May be used with separate rotating lock ring; FSLLR)

**MLRLB230 (-1 -6005)**
Male Luer Panel Mount 1/4-28 UNF to 200 Series Barb, 1/8" (3.2 mm) ID Tubing. (May be used with separate rotating lock ring; FSLLR)

---

**PANEL MOUNT ACCESSORIES:**
Lock Nuts and Color Coding Rings

**CCR (-1 -2 -3 -4 -5 -06 -07)**
Color Coded Ring (For use with PMS, PMK, FTLB or FTLB panel mount fittings)

**CCLR (-1 -2 -3 -4 -5 -06 -07)**
Color Coded Lock Ring (For use with PMS, PMK, FTLB or FTLB panel mount fittings)

**PMKN (-XO)**
Panel Mount Nut 10-32 UNF with 3/8" Hex (For use with PMK panel mount fittings)

**PMSN (-XO)**
Panel Mount Nut 1/4-28 UNF with 7/16" Hex (For use with PMS, FTLB, and FTLB panel mount fittings)

**LNS (-1 -2 -3 -4 -5 -06 -07 -6005 -81 -J1A)**
1/4-28 UNF Panel Mount Lock Nut (For use with PMS, FTLLB or FTLB panel mount fittings)

---

**Select the Correct Lock Nut for Your Panel Mount:**

<table>
<thead>
<tr>
<th>PART</th>
<th>Dimension A</th>
<th>Use Lock Nut</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTLLB</td>
<td>.255&quot;</td>
<td>PMSN or LNS</td>
</tr>
<tr>
<td>FTLB</td>
<td>.255&quot;</td>
<td>PMSN or LNS</td>
</tr>
<tr>
<td>FTLLBMLRL</td>
<td>.255&quot;</td>
<td>PMSN or LNS</td>
</tr>
<tr>
<td>MLRLB210</td>
<td>.193&quot;</td>
<td>PMKN</td>
</tr>
<tr>
<td>MLRLB220</td>
<td>.193&quot;</td>
<td>PMKN</td>
</tr>
<tr>
<td>MLRLB230</td>
<td>.255&quot;</td>
<td>PMSN or LNS</td>
</tr>
</tbody>
</table>

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Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
Nordson MEDICAL offers barbed tube fittings and tubing connectors in sizes ranging from 1/16” (1.6 mm) to 1” (25.4 mm) tubing ID in over 100 separate configurations in nylon, polypropylene, polycarbonate and PVDF, with other engineering resins available on special order. Available barbed fitting styles include straight tube connectors, elbow fittings, tee fittings, crosses, Y (wye) connectors, multi-port connectors, and multiple straight, elbow and tee reducer combinations.

Several barb styles are offered to provide designers the widest range of assembly forces, pulloff resistance and blowoff resistance – without the need for clamps. Review the descriptions for each of the styles to determine what’s best for your application.

**Small Bore Barb Styles**

<table>
<thead>
<tr>
<th>Tube ID</th>
<th>Classic</th>
<th>200 Series</th>
<th>400 Series</th>
<th>500 Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/16” (1.6 mm)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>3/32” (2.4 mm)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1/8” (3.2 mm)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>5/32” (4.0 mm)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>3/16” (4.8 mm)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1/4” (6.4 mm)</td>
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<tr>
<td>5/16” (8.0 mm)</td>
<td>X</td>
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**Large Bore Barb Styles**

<table>
<thead>
<tr>
<th>Tube ID</th>
<th>500 Series</th>
<th>600 Series</th>
<th>900 Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8” (9.5 mm)</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1/2” (12.7 mm)</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>5/8” (16.0 mm)</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>3/4” (19.0 mm)</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>1” (25.4 mm)</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>
TUBE-TO-TUBE:
Straight Through

AA (-1 -2 -6005 -9 ~J1A)
Straight Through Connector with Classic Series Barbs, 1/16" (1.6 mm) ID Tubing

N210 (-1 -2 -6005 -9 ~J1A)
Straight Through Connector with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing

N410 (-1 -2 -6005 -J1A)
Straight Through Connector with 400 Series Barbs, 1/16" (1.6 mm) ID Tubing

N004 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with 500 Series Barbs, 1/16" (1.6 mm) ID Tubing

DD (-1 -2 -6005 -9 ~J1A)
Straight Through Connector with Classic Series Barbs, 3/32" (2.4 mm) ID Tubing

N220 (-1 -2 -6005 -9 -9002 ~J1A)
Straight Through Connector with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing

N420 (-1 -2 -6005 -J1A)
Straight Through Connector with 400 Series Barbs, 3/32" (2.4 mm) ID Tubing

N007 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with 500 Series Barbs, 3/32" (2.4 mm) ID Tubing

CC (-1 -2 -6005 -9 ~J1A)
Straight Through Connector with Classic Series Barbs, 1/8" (3.2 mm) ID Tubing

N230 (-1 -2 -3 -5 -6005 -9 ~J1A)
Straight Through Connector with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing

N430 (-1 -2 -6005 ~J1A)
Straight Through Connector with 400 Series Barbs, 1/8" (3.2 mm) ID Tubing

N013 (-1 -2 -6005 -9 -J1A -9002)
Straight Through Connector with 500 Series Barbs, 1/8" (3.2 mm) ID Tubing

4040 (-1 -2 -6005 -9 ~J1A)
Straight Through Connector with Classic Series Barbs, 5/32" (4.0 mm) ID Tubing

N440 (-1 -2 -5 -6005 -9 ~J1A)
Straight Through Connector with 400 Series Barbs, 5/32" (4.0 mm) ID Tubing

N025 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with 500 Series Barbs, 5/32" (4.0 mm) ID Tubing

5050 (-1 -2 -6005 -9 -9002 -J1A)
Straight Through Connector with Classic Series Barbs, 3/16" (4.8 mm) ID Tubing

N035 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with 500 Series Barbs, 3/16" (4.8 mm) ID Tubing

6060 (-1 -2 -6005 -9 -9002 -J1A)
Straight Through Connector with Classic Series Barbs, 1/4" (6.4 mm) ID Tubing

N055 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with 500 Series Barbs, 1/4" (6.4 mm) ID Tubing

N065 (-1 -2 -6005 -9 -J1A)
Straight Through Connector with 500 Series Barbs, 5/16" (8 mm) ID Tubing
LARGE TUBE-TO-TUBE:
Straight Through

Reference part shown: N670

Due to size we are not able to display all large Tube-To-Tube connectors. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

N070 (-0 -6005 -9)
Straight Through Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

N670 (-6005 -9 -J1A)
Straight Through Connector with 600 Series Barbs, 3/8" (9.5 mm) ID Tubing

N970 (-9)
Straight Through Connector with 900 Series Barbs, 3/8" (9.5 mm) ID Tubing

N080 (-0 -6005 -9)
Straight Through Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

N680 (-6005 -9 -J1A)
Straight Through Connector with 600 Series Barbs, 1/2" (12.7 mm) ID Tubing

N975 (-9)
Straight Through Connector with 900 Series Barbs, 1/2" (12.7 mm) ID Tubing

N090 (-0 -6005 -9)
Straight Through Connector with 500 Series Barbs, 5/8" (16.0 mm) ID Tubing

N690 (-0 -6005 -9)
Straight Through Connector with 600 Series Barbs, 5/8" (16.0 mm) ID Tubing

N100 (-0 -6005)
Straight Through Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

N6100 (-6005)
Straight Through Connector with 600 Series Barbs, 3/4" (19.0 mm) ID Tubing

N110 (-0 -6005)
Straight Through Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

N6110 (-6005)
Straight Through Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

TUBE-TO-TUBE:
Straight Through Reducer

AD (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with Classic Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

N220/210 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

N420/410 (-1 -2 -6005 -10 -J1A)
Straight Through Reduction Connector with 400 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

N007/004 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

AC (-0 -1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with Classic Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

N230/210 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

N430/410 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

N013/004 (-1 -2 -6005 -9 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

DC (-1 -2 -6005 -9)
Straight Through Reduction Connector with Classic Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing

N230/220 (-1 -2 -6005 -07 -9 -J1A)
Straight Through Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing
### TUBE-TO-TUBE: Straight Through Reducer

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Dimensions</th>
<th>Barbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>N430/420 (-1 -2 -6005 -6012 -J1A)</td>
<td>Straight Through Reduction Connector with 400 Series Barbs, 1/8&quot; (3.2 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N013/007 (-1 -2 -6005 -6012 -9 -9002 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 1/8&quot; (3.2 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1040 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 5/32&quot; (4.0 mm) and 1/16&quot; (1.6 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N025/004 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 5/32&quot; (4.0 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2040 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 5/32&quot; (4.0 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N025/007 (-1 -2 -6005 -6012 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 5/32&quot; (4.0 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3040 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 5/32&quot; (4.0 mm) and 1/16&quot; (1.6 mm) ID Tubing</td>
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<td></td>
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<tr>
<td>N025/013 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 5/32&quot; (4.0 mm) and 1/8&quot; (3.2 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1050 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 3/16&quot; (4.8 mm) and 1/16&quot; (1.6 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2050 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 3/16&quot; (4.8 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N035/007 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 3/16&quot; (4.8 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3050 (-1 -2 -6005 -81 -9 -9002 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 3/16&quot; (4.8 mm) and 1/8&quot; (3.2 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N035/013 (-1 -2 -6005 -81 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 3/16&quot; (4.8 mm) and 1/8&quot; (3.2 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4050 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 3/16&quot; (4.8 mm) and 5/32&quot; (4.0 mm) ID Tubing</td>
<td></td>
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</tr>
<tr>
<td>N035/025 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 3/16&quot; (4.8 mm) and 5/32&quot; (4.0 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3060 (-1 -2 -6005 -9 -J1A -J1A2)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 1/4&quot; (6.4 mm) and 1/8&quot; (3.2 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N055/013 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 1/4&quot; (6.4 mm) and 1/8&quot; (3.2 mm) ID Tubing</td>
<td></td>
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<tr>
<td>4060 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 1/4&quot; (6.4 mm) and 5/32&quot; (4.0 mm) ID Tubing</td>
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<td>N055/025 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 1/4&quot; (6.4 mm) and 5/32&quot; (4.0 mm) ID Tubing</td>
<td></td>
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<tr>
<td>N430/420 (-1 -2 -6005 -6012 -J1A)</td>
<td>Straight Through Reduction Connector with 400 Series Barbs, 1/8&quot; (3.2 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N013/007 (-1 -2 -6005 -6012 -9 -9002 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 1/8&quot; (3.2 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1040 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 5/32&quot; (4.0 mm) and 1/16&quot; (1.6 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N025/004 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 5/32&quot; (4.0 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2040 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 5/32&quot; (4.0 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N025/007 (-1 -2 -6005 -6012 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 5/32&quot; (4.0 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3040 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 5/32&quot; (4.0 mm) and 1/16&quot; (1.6 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N025/013 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 5/32&quot; (4.0 mm) and 1/8&quot; (3.2 mm) ID Tubing</td>
<td></td>
<td></td>
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<tr>
<td>1050 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 3/16&quot; (4.8 mm) and 1/16&quot; (1.6 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2050 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 3/16&quot; (4.8 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
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<tr>
<td>N035/007 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 3/16&quot; (4.8 mm) and 3/32&quot; (2.4 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3050 (-1 -2 -6005 -81 -9 -9002 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 3/16&quot; (4.8 mm) and 1/8&quot; (3.2 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N035/013 (-1 -2 -6005 -81 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 3/16&quot; (4.8 mm) and 1/8&quot; (3.2 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4050 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 3/16&quot; (4.8 mm) and 5/32&quot; (4.0 mm) ID Tubing</td>
<td></td>
<td></td>
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<tr>
<td>N035/025 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 3/16&quot; (4.8 mm) and 5/32&quot; (4.0 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3060 (-1 -2 -6005 -9 -J1A -J1A2)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 1/4&quot; (6.4 mm) and 1/8&quot; (3.2 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N055/013 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 1/4&quot; (6.4 mm) and 1/8&quot; (3.2 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4060 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with Classic Series Barbs, 1/4&quot; (6.4 mm) and 5/32&quot; (4.0 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N055/025 (-1 -2 -6005 -9 -J1A)</td>
<td>Straight Through Reduction Connector with 500 Series Barbs, 1/4&quot; (6.4 mm) and 5/32&quot; (4.0 mm) ID Tubing</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Did You Know?

Nordson MEDICAL has an interactive PDF available online at www.nordsonmedical.com. Access part drawings, reference charts, data sheets, and more from just one location!
Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!

TUBE-TO-TUBE:
Elbow

L10 (-1 -2 -6005 -J1A)
Elbow Connector with Classic Series Barbs, 1/16" (1.6 mm) ID Tubing

L210 (-1 -2 -6005 -9 -J1A)
Elbow Connector with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing

L410 (-1 -2 -6005 -J1A)
Elbow Connector with 400 Series Barbs, 1/16" (1.6 mm) ID Tubing

L20 (-1 -2 -6005 -J1A)
Elbow Connector with Classic Series Barbs, 3/32" (2.4 mm) ID Tubing

L220 (-1 -2 -6005 -6012 -9 -9002 -J1A)
Elbow Connector with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing

L420 (-1 -2 -6005 -J1A)
Elbow Connector with 400 Series Barbs, 3/32" (2.4 mm) ID Tubing

L30 (-1 -2 -6005 -J1A)
Elbow Connector with Classic Series Barbs, 1/8" (3.2 mm) ID Tubing

L230 (-1 -2 -6005 -6012 -9 -J1A)
Elbow Connector with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing

L430 (-1 -2 -6005 -J1A)
Elbow Connector with 400 Series Barbs, 1/8" (3.2 mm) ID Tubing

L40 (-1 -2 -6005 -J1A)
Elbow Connector with Classic Series Barbs, 3/32" (4.0 mm) ID Tubing

L440 (-2)
Elbow Connector with 400 Series Barbs, 3/32" (4.0 mm) ID Tubing

L50 (-1 -2 -6005 -J1A)
Elbow Connector with Classic Series Barbs, 3/16" (4.8 mm) ID Tubing

L60 (-1 -2 -6005 -J1A)
Elbow Connector with Classic Series Barbs, 1/4" (6.4 mm) ID Tubing

Need More Details?
Part drawings, minimum order quantities, and CAD requests can be found online. Visit www.nordsonmedical.com or contact Sales at FMF-sales@nordsonmedical.com.
LARGE TUBE-TO-TUBE:
Elbow

Reference part shown: L070

Due to size we are not able to display all large Tube-To-Tube connectors. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

**L070 (-0 -6005)**
Elbow Connector with 500 Series Barbs, 3/32" (2.4 mm) ID Tubing

**L970 (-9)**
Elbow Connector with 900 Series Barbs, 3/8" (9.5 mm) ID Tubing

**L080 (-0 -6005)**
Elbow Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

**L975 (-9)**
Elbow Connector with 900 Series Barbs, 1/2" (12.7 mm) ID Tubing

**L090 (-0 -6005)**
Elbow Connector with 500 Series Barbs, 5/8" (16.0 mm) ID Tubing

**L100 (-0 -6005)**
Elbow Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

**L110 (-0 -6005)**
Elbow Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

**L6110 (-6005)**
Elbow Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

**CF494 (-6 -6005)**
Low-profile Elbow Connector with Custom 600 Series Barbs, 1" (25.4 mm) ID Tubing

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TUBE-TO-TUBE:
Elbow Reducer

**L220/210 (-1 -2 -6005 -9 -J1A)**
Elbow Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

**L420/410 (-1 -2 -6005 -J1A)**
Elbow Reduction Connector with 400 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

**L230/210 (-1 -2 -6005 -9 -J1A)**
Elbow Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

**L430/410 (-1 -2 -6005 -J1A)**
Elbow Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing

**L230/220 (-1 -2 -6005 -9 -J1A)**
Elbow Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing

**L430/420 (-1 -2 -6005 -J1A)**
Elbow Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing

**L430/220 (-9002)**
Elbow Reduction Connector with a 400 Series Barb, 1/8" (3.2 mm) and a 200 Series Barb, 3/32" (2.4 mm) ID Tubing
LARGE TUBE-TO-TUBE:
Elbow Reducer

Reference part shown: L070/055

Due to size we are not able to display all large Tube-To-Tube connectors. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

**L070/055 (-0 -6005)**
Elbow Reduction Connector with 500 Series Barbs, 3/8” (9.5 mm) and 1/4” (6.4 mm) ID Tubing

**L080/070 (-0 -6005)**
Elbow Reduction Connector with 500 Series Barbs, 1/2” (12.7 mm) and 3/8” (9.5 mm) ID Tubing

**L100/080 (-0 -6005)**
Elbow Reduction Connector with 500 Series Barbs, 3/4” (19.0 mm) and 1/2” (12.7 mm) ID Tubing

**L110/100 (-0 -6005)**
Elbow Reduction Connector with 500 Series Barbs, 1” (25.4 mm) and 3/4” (19.0 mm) ID Tubing

**TUBE-TO-TUBE:**
Tee

**T420 (-1 -2 -6005 -J1A)**
Tee Connector with 400 Series Barbs, 3/32” (2.4 mm) ID Tubing

**T30 (-1 -2 -6005 -9 -J1A)**
Tee Connector with Classic Series Barbs, 1/8” (3.2 mm) ID Tubing

**T230 (-1 -2 -5 -6005 -6012 -9 -J1A)**
Tee Connector with 200 Series Barbs, 1/8” (3.2 mm) ID Tubing

**T430 (-1 -2 -6005 -9002 -J1A)**
Tee Connector with 400 Series Barbs, 1/8” (3.2 mm) ID Tubing

**T013 (-6005)**
Tee Connector with 500 Series Barbs, 1/8” (3.2 mm) ID Tubing

**T40 (-1 -2 -6005 -J1A)**
Tee Connector with Classic Series Barbs, 5/32” (4 mm) ID Tubing

**T250 (-1 -2 -6005 -9 -J1A)**
Tee Connector with 200 Series Barbs, 3/16” (4.8 mm) ID Tubing

**T60 (-1 -2 -6005 -J1A)**
Tee Connector with Classic Series Barbs, 1/4” (6.4 mm) ID Tubing

Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
**TUBE-TO-TUBE:**

**T055 (-6005)**
Tee Connector with 500 Series Barbs, 1/4" (6.4 mm) ID Tubing

**LARGE TUBE-TO-TUBE:**

**T070 (-0 -6005 -9)**
Tee Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

**Reference part shown: T070**

Due to size we are not able to display all large Tube-To-Tube connectors. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

**T070 (-0 -6005 -9)**
Tee Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

**T670 (-1 -6005 -9 -J1A)**
Tee Connector with 600 Series Barbs, 3/8" (9.5 mm) ID Tubing

**T970 (-9)**
Tee Connector with 900 Series Barbs, 3/8" (9.5 mm) ID Tubing

**T080 (-0 -6005 -9)**
Tee Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

**T680 (-6005 -9 -J1A)**
Tee Connector with 600 Series Barbs, 1/2" (12.7 mm) ID Tubing

**T975 (-9)**
Tee Connector with 900 Series Barbs, 1/2" (12.7 mm) ID Tubing

**T690 (-6005 -9)**
Tee Connector with 600 Series Barbs, 5/8" (16.0 mm) ID Tubing

**T100 (-0 -6005 -9)**
Tee Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

**T6100 (-6005)**
Tee Connector with 600 Series Barbs, 3/4" (19.0 mm) ID Tubing

**T110 (-0 -6005)**
Tee Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

**T6110 (-6005)**
Tee Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

**TUBE-TO-TUBE:**

**T410/420 (-1 -2 -6005 -J1A)**
Tee Reduction Connector with 400 Series Barbs, 1/16" (1.6 mm) and 3/32" (2.4 mm) ID Tubing

**T210/230 (-1 -2 -6005 -9 -J1A)**
Tee Reduction Connector with 200 Series Barbs, 1/16" (1.6 mm) and 1/8" (3.2 mm) ID Tubing

**T410/430 (-1 -2 -6005 -J1A)**
Tee Reduction Connector with 400 Series Barbs, 1/16" (1.6 mm) and 1/8" (3.2 mm) ID Tubing

**T220/210 (-1 -2 -6005 -9 -J1A)**
Tee Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

**T220R210 (-1 -2 -6005 -9 -J1A)**
Tee Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

**T420/430 (-1 -2 -6005 -J1A)**
Tee Reduction Connector with 400 Series Barbs, 1/16" (1.6 mm) and 1/8" (3.2 mm) ID Tubing

**T220R410 (-1 -2 -6005 -J1A)**
Tee Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

**T210/220 (-1 -2 -6005 -9 -J1A)**
Tee Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing

**T220/230 (-1 -2 -6005 -9 -J1A)**
Tee Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/8" (3.2 mm) ID Tubing
Minimum order quantities may apply  •  Red Text = Special order items  •  Volume pricing may be available, quantities vary  •  Call for details!

Part Drawings Online!
Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.
www.nordsonmedical.com
LARGE TUBE-TO-TUBE:
Tee Reducer

Reference part shown: T070/055

Due to size we are not able to display all large Tube-To-Tube connectors. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

**T070/055 (-0 -6005 -9)**
Tee Reduction Connector with 500 Series Barbs, 3/8" (9.5 mm) and 1/4" (6.4 mm) ID Tubing

**T080/055 (-0 -6005 -9)**
Tee Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 1/4" (6.4 mm) ID Tubing

**T080/070 (-0 -6005 -9)**
Tee Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 3/8" (9.5 mm) ID Tubing

**T100/080 (-0 -6005 -9)**
Tee Reduction Connector with 500 Series Barbs, 3/4" (19.0 mm) and 1/2" (12.7 mm) ID Tubing

**T110/100 (-0 -6005)**
Tee Reduction Connector with 500 Series Barbs, 1" (25.4 mm) and 3/4" (19.0 mm) ID Tubing

**T670/655 (-6005)**
Tee Reduction Connector with 600 Series Barbs, 3/8" x 2 (9.5 mm) and 1/4" (6.4 mm) ID Tubing

**T680/655 (-6005)**
Tee Reduction Connector with 600 Series Barbs, 1/2" x 2 (12.7 mm) and 1/4" (6.4 mm) ID Tubing

**T680/670 (-6005)**
Tee Reduction Connector with 600 Series Barbs, 1/2" x 2 (12.7 mm) and 3/8" (9.5 mm) ID Tubing

**T6100/670 (-6005)**
Tee Reduction Connector with 600 Series Barbs, 3/4" x 2 (19.0 mm) and 3/8" (9.5 mm) ID Tubing

**T6100/680 (-6005)**
Tee Reduction Connector with 600 Series Barbs, 3/4" x 2 (19.0 mm) and 1/2" (12.7 mm) ID Tubing

**T6110/6100 (-6005)**
Tee Reduction Connector with 600 Series Barbs, 1" x 2 (25.4 mm) and 3/4" (19.0 mm) ID Tubing

**Y013 (-6005)**
Y Connector with 500 Series Barbs, 1/8" (3.2 mm) ID Tubing

**Y210 (-1 -2 -6005 -9 -J1A)**
Y Connector with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing

**Y410 (-1 -2 -6005 -J1A)**
Y Connector with 400 Series Barbs, 1/16" (1.6 mm) ID Tubing

**Y220 (-1 -2 -6005 -6012 -9 -J1A)**
Y Connector with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing

**Y420 (-1 -2 -6005 -J1A)**
Y Connector with 400 Series Barbs, 3/32" (2.4 mm) ID Tubing

**Y230 (-1 -2 -3 -6005 -6012 -9 -9002 -9010 -J1A)**
Y Connector with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing

**Y430 (-1 -2 -6005 -J1A)**
Y Connector with 400 Series Barbs, 1/8" (3.2 mm) ID Tubing

**Y240 (-1 -2 -6005 -6012 -9 -J1A)**
Y Connector with 200 Series Barbs, 5/32" (4.0 mm) ID Tubing

**Y230 (-1 -2 -3 -6005 -6012 -9 -9002 -9010 -J1A)**
Y Connector with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing

**Y430 (-1 -2 -6005 -J1A)**
Y Connector with 400 Series Barbs, 1/8" (3.2 mm) ID Tubing
TUBE-TO-TUBE:

Y

Y250 (-1 -2 -6005 -9 -9002 -J1A)
Y Connector with 200 Series Barbs, 3/16” (4.8 mm) ID Tubing

Y450 (-1 -2 -6005 -6012 -J1A)
Y Connector with 400 Series Barbs, 3/16” (4.8 mm) ID Tubing

Y260 (-1 -2 -6005 -9 -9002 -J1A)
Y Connector with 200 Series Barbs, 1/4” (6.4 mm) ID Tubing

Y460 (-1 -2 -6005 -9 -J1A)
Y Connector with 400 Series Barbs, 1/4” (6.4 mm) ID Tubing

Y055 (-6005)
Y Connector with 500 Series Barbs, 1/4” (6.4 mm) ID Tubing

LARGE TUBE-TO-TUBE:

Y

Y6100 (-6005)
Y Connector with 600 Series Barbs, 3/4” (19.0 mm) ID Tubing

Y6110 (-6005)
Y Connector with 600 Series Barbs, 1” (25.4 mm) ID Tubing

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Reference part shown: Y070

Y070 (-0 -6005 -9)
Y Connector with 500 Series Barbs, 3/8” (9.5 mm) ID Tubing

Y670 (-6005 -9 -J1A)
Y Connector with 600 Series Barbs, 3/8” (9.5 mm) ID Tubing

Y080 (-0 -6005 -9)
Y Connector with 500 Series Barbs, 1/2” (12.7 mm) ID Tubing

Y680 (-6005 -9 -J1A)
Y Connector with 600 Series Barbs, 1/2” (12.7 mm) ID Tubing

Y090 (-0 -6005 -J1A)
Y Connector with 500 Series Barbs, 5/8” (16.0 mm) ID Tubing

Y690 (-6005)
Y Connector with 600 Series Barbs, 5/8” (16.0 mm) ID Tubing

Y100 (-0 -6005 -J1A)
Y Connector with 500 Series Barbs, 3/4” (19.0 mm) ID Tubing

Y6100 (-6005 )
Y Connector with 600 Series Barbs, 3/4” (19.0 mm) ID Tubing

Y110 (-0 -6005 )
Y Connector with 500 Series Barbs, 1” (25.4 mm) ID Tubing

Y6110 (-6005 )
Y Connector with 600 Series Barbs, 1” (25.4 mm) ID Tubing

Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
TUBE-TO-TUBE:
Multiport

3PF210 (-1 -6005)
Three-Port F Style Manifold with 200 Series Barbs for 1/16" (1.6 mm) ID Tubing

3PF220 (-1 -6005)
Three-Port F Style Manifold with 200 Series Barbs for 3/32" (2.4 mm) ID Tubing

3PF230 (-1 -6005)
Three-Port F Style Manifold with 200 Series Barbs for 1/8" (3.2 mm) ID Tubing

Reference part shown: 4PX670

Due to size we are not able to display all large Tube-To-Tube connectors. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

4PX655 (-6005)
Four-Port Cross Style Manifold with 600 Series Barbs for 1/4" (6.4 mm) ID Tubing

4PX670 (-6005)
Four-Port Cross Style Manifold with 600 Series Barbs for 3/8" (9.5 mm) ID Tubing

4PX680 (-6005)
Four-Port Cross Style Manifold with 600 Series Barbs for 1/2" (12.7 mm) ID Tubing

LARGE TUBE-TO-TUBE:

Y Reducer

Y630/655 (-6005)
Y Reduction Connector with 600 Series Barbs, 1/16" x 2 (3.2 mm) and 1/4" (6.4 mm) ID Tubing

Y655/670 (-6005)
Y Reduction Connector with 600 Series Barbs, 1/4" x 2 (6.4 mm) and 3/8" (9.5 mm) ID Tubing

Y670/680 (-6005)
Y Reduction Connector with 600 Series Barbs, 3/8" x 2 (9.5 mm) and 1/2" (12.7 mm) ID Tubing

Y6100/6110 (-6005)
Y Reduction Connector with 600 Series Barbs, 3/4" x 2 (19.0 mm) and 1" (25.4 mm) ID Tubing

Reference part shown: Y655/670

Due to size we are not able to display all large Tube-To-Tube connectors. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

LARGE TUBE-TO-TUBE:

Multiport

Y655/670 (-6005)
Y Reduction Connector with 600 Series Barbs, 1/4" x 2 (6.4 mm) and 3/8" (9.5 mm) ID Tubing

Y670/680 (-6005)
Y Reduction Connector with 600 Series Barbs, 3/8" x 2 (9.5 mm) and 1/2" (12.7 mm) ID Tubing

Y6100/6110 (-6005)
Y Reduction Connector with 600 Series Barbs, 3/4" x 2 (19.0 mm) and 1" (25.4 mm) ID Tubing

Reference part shown: Y655/670

Due to size we are not able to display all large Tube-To-Tube connectors. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

4PX210 (-1 -6005)
Four-Port Cross Style Manifold with 200 Series Barbs for 1/16" (1.6 mm) ID Tubing

4PX220 (-1 -6005)
Four-Port Cross Style Manifold with 200 Series Barbs for 3/32" (2.4 mm) ID Tubing

4PX230 (-1 -6005)
Four-Port Cross Style Manifold with 200 Series Barbs for 1/8" (3.2 mm) ID Tubing

LARGE TUBE-TO-TUBE:

Y Reducer

Y655/670 (-6005)
Y Reduction Connector with 600 Series Barbs, 1/4" x 2 (6.4 mm) and 3/8" (9.5 mm) ID Tubing

Y670/680 (-6005)
Y Reduction Connector with 600 Series Barbs, 3/8" x 2 (9.5 mm) and 1/2" (12.7 mm) ID Tubing

Y6100/6110 (-6005)
Y Reduction Connector with 600 Series Barbs, 3/4" x 2 (19.0 mm) and 1" (25.4 mm) ID Tubing

Reference part shown: Y655/670

Reference part shown: Y655/670

Due to size we are not able to display all large Tube-To-Tube connectors. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.
LARGE TUBE-TO-TUBE:
Multiport Reducer

Reference part shown: 4PX670/655

Due to size we are not able to display all large Tube-To-Tube connectors. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

4PX670/655 (-6005)
Four-Port Cross Style Manifold with 600 Series Barbs for 3/8” (9.5 mm) and 1/4” x 3 (6.4 mm) ID Tubing

4PX680/670 (-6005)
Four-Port Cross Style Manifold with 600 Series Barbs for 1/2” (12.7 mm) and 3/8” x 3 (9.5 mm) ID Tubing

TUBE-TO-TUBE:
Multiport

4PDL210 (-1 -6005)
Four-Port Double Elbow Style Manifold with 200 Series Barbs, 1/16” (1.6 mm) ID Tubing

4PDL220 (-1 -6005)
Four-Port Double Elbow Style Manifold with 200 Series Barbs, 3/32” (2.4 mm) ID Tubing

4PDL230 (-1 -6005)
Four-Port Double Elbow Style Manifold with 200 Series Barbs, 1/8” (3.2 mm) ID Tubing

4PLL210 (-1 -6005)
Four-Port Thru Flow Double Elbow Style Manifold with 200 Series Barbs, 1/16” (1.6 mm) ID Tubing

4PLL220 (-1 -6005 -9)
Four-Port Thru Flow Double Elbow Style Manifold with 200 Series Barbs, 3/32” (2.4 mm) ID Tubing

4PLL230 (-1 -2 -6005)
Four-Port Thru Flow Double Elbow Style Manifold with 200 Series Barbs, 1/8” (3.2 mm) ID Tubing

6PDT210 (-1 -6005)
Six-Port Double T Style Manifold with 200 Series Barbs for 1/16” (1.6 mm) ID Tubing

6PDT220 (-1 -6005)
Six-Port Double T Style Manifold with 200 Series Barbs for 3/32” (2.4 mm) ID Tubing

6PDT230 (-1 -6005)
Six-Port Double T Style Manifold with 200 Series Barbs for 1/8” (3.2 mm) ID Tubing

6PTT210 (-1 -6005)
Six-Port Thru Flow Double T Style Manifold with 200 Series Barbs for 1/16” (1.6 mm) ID Tubing

6PTT220 (-1 -6005)
Six-Port Thru Flow Double T Style Manifold with 200 Series Barbs for 3/32” (2.4 mm) ID Tubing

6PTT230 (-1 -6005)
Six-Port Thru Flow Double T Style Manifold with 200 Series Barbs for 1/8” (3.2 mm) ID Tubing

Reference part shown: 4PX670/655

TUBE-TO-TUBE FITTINGS

Reference part shown: 4PX670/655

TUBE-TO-TUBE FITTINGS

Reference part shown: 4PX670/655

TUBE-TO-TUBE FITTINGS

Reference part shown: 4PX670/655

TUBE-TO-TUBE FITTINGS

Reference part shown: 4PX670/655

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Reference part shown: 4PX670/655

TUBE-TO-TUBE FITTINGS

Reference part shown: 4PX670/655

TUBE-TO-TUBE FITTINGS

Reference part shown: 4PX670/655

TUBE-TO-TUBE FITTINGS
**TUBE-TO-TUBE:**
Press-In Plugs

**PIPELINE:**
Press-In Plug with Classic Series Barb, 1/8" (3.2 mm) ID Tubing

**PIPELINE 2:**
Press-In Plug with Classic Series Barb, 3/32" (2.4 mm) ID Tubing

**PIPELINE 3:**
Press-In Plug with Classic Series Barb, 1/16" (1.6 mm) ID Tubing

**PIPELINE 4:**
Press-In Plug with 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**PIPELINE 5:**
Press-In Plug with 200 Series Barb, 5/32" (4.0 mm) ID Tubing

**PIPELINE 6:**
Press-In Plug with Classic Series Barb, 1/4" (6.4 mm) ID Tubing

**PIPELINE 7:**
Press-In Plug with Classic Series Barb, 3/16" (4.8 mm) ID Tubing

**PIPELINE 8:**
Press-In Plug with Classic Series Barb, 5/32" (4.0 mm) ID Tubing

**PIPELINE 9:**
Press-In Plug with 600 Series Barb, 3/8" (9.5 mm) ID Tubing

**PIPELINE 10:**
Press-In Plug with 500 Series Barb, 3/8" (9.5 mm) ID Tubing

**PIPELINE 11:**
Press-In Plug with 600 Series Barb, 1/2" (12.7 mm) ID Tubing

**PIPELINE 12:**
Press-In Plug with 500 Series Barb, 1/2" (12.7 mm) ID tubing

**PIPELINE 13:**
Press-In Plug with 600 Series Barb, 1" (25.4 mm) ID Tubing

**PIPELINE 14:**
Press-In Plug with 600 Series Barb, 3/4" (19.0 mm) ID Tubing

**LARGE TUBE-TO-TUBE:**
Press-In Plugs

Due to size we are not able to display all large Tube-To-Tube connectors. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs; please verify minimum package sizes when placing orders.
**TUBE-TO-TUBE PANEL MOUNTS:**

**TUBE-TO-TUBE PANEL MOUNT ACCESSORIES:**

**TUBE-TO-TUBE:**

**U10 (-1 -2 -7 -9)**
Ultrasonically Weldable Fitting to Classic Series Barb, 1/16” (1.6 mm) ID Tubing

**U20 (-1 -2 -7)**
Ultrasonically Weldable Fitting to Classic Series Barb, 3/32” (2.4 mm) ID Tubing

**U30 (-1 -2 -7)**
Ultrasonically Weldable Fitting to Classic Series Barb, 1/8” (3.2 mm) ID Tubing

**TUBE-TO-TUBE PANEL MOUNT ACCESSORIES:**

**CCR (-1 -2 -3 -4 -5 -06 -07)**
Color Coded Ring (For use with PMS, PMK, FTLLB or FTLB panel mount fittings)

**CCLR (-1 -2 -3 -4 -5 -06 -07)**
Color Coded Lock Ring (For use with PMS, PMK, FTLLB or FTLB panel mount fittings)

**PMKN (-XO)**
Panel Mount Nut 10-32 UNF with 3/8” Hex (For use with PMK panel mount fittings)

**PMSN (-XO)**
Panel Mount Nut 1/4-28 UNF with 7/16” Hex (For use with PMS, FTLB, and FTLLB panel mount fittings)

**LNS (-1 -2 -3 -4 -5 -6005 -07 -81 -J1A)**
1/4-28 UNF Panel Mount Lock Nut (For use with PMS, FTLLB or FTLB panel mount fittings)

**Select the Correct Lock Nut for Your Panel Mount:**

<table>
<thead>
<tr>
<th>PART</th>
<th>Dimension A</th>
<th>Use Lock Nut</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMK Series</td>
<td>.193”</td>
<td>PMKN</td>
</tr>
<tr>
<td>PMS Series</td>
<td>.255”</td>
<td>PMSN or LNS</td>
</tr>
</tbody>
</table>

Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
ISO 80369
Compliant Connectors

ISO 80369-3 (Enteral Feeding) Compliant Connectors
PG-40

ISO 80369-5 (Blood Pressure) Compliant Connectors
PG-40

ISO 80369-6 (Neuraxial) Compliant Connectors
PG-41

What is ISO 80369
Hospitals and other healthcare facilities depend on a variety of catheters, tubing and syringes to deliver medications and other substances to patients through vascular, enteral, respiratory, epidural and intrathecal delivery systems. These delivery systems frequently employ fittings called luer connectors to link various system components. Unfortunately, because luer connectors are ubiquitous, easy-to-use, and compatible between different delivery systems, end users can inadvertently connect the incorrect systems together. These misconnections can cause medication or other fluids to be delivered through the wrong route, resulting in serious patient injuries and even death. In an effort to reduce the occurrence of these misconnections, the FDA is in collaboration with the International Organization for Standardization (ISO) and the Association for the Advancement of Medical Instrumentation (AAMI) to develop standards for the non-interconnectability of small bore medical connectors. A joint working group established by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) leads this effort to develop a series of standards for incompatible connectors.

Nordson MEDICAL is well positioned to help you with your tubing connection needs. Our parts are designed, tested, qualified, and documented to be compliant with these new standards. Because Nordson MEDICAL’s Value Plastics product line team has participated on the committees developing these standards, you can be assured of a full understanding of the testing and compliance requirements.

ISO 80369-1
General Requirements

Published in 2010, the ISO 80369-1 standard provides general requirements to prevent misconnections between small-bore connectors used in various applications.

ISO 80369-2
Respiratory (Breathing Systems)

This standard is being developed.
ISO 80369-3

Enteral Feeding

Hospitals have begun using these connectors with good results. With bond-in pocket tubing sizes from infant through adult and a barbed version for softer silicone tubing, we offer a full range of enteral feeding connectors. Enteral and gastric small bore connectors (also called ENFIT connectors) compliant to the ISO 80369-3 standard offer a smaller, lightweight, smoother design for more comfort, less snagging, and easier cleaning. Both the male connector (patient side) and female connector (supply side), offer a one-piece tethered cap for easy assembly and use. The standard SKUs cover a wide range of tubing sizes, from 5 French to 10 French, with the easy ability to customize bond-in pocket sizes for your specific tubing requirements. Our standard products are manufactured in natural, medical-grade resins without color additives, however we can customize your purchases with purple, orange, or other colors as required.

ISO 80369-4

Urinary and Urethral

There are no plans to develop this standard at this time.

ISO 80369-5

Blood Pressure (Limb Cuff Inflation)

The ISO 80369-5 limb cuff inflation connector standard was published in March 2016 and specifies the bayonet-style as the only connector standard for blood pressure. Our BPM Series connectors are documented as ISO 80369-5 compliant with ISO 80369-20 testing documentation. The tight dimensional specifications for the compliant connectors will drastically reduce the probability of a misconnection. Our modified designs are 100% compliant with the blood pressure male connectors that fit singly or in pairs on blood pressure cuffs. These industry-standard male connectors work well with the Nordson MEDICAL female blood pressure connectors, and other bayonet-style females, both compliant and non-compliant. And the Nordson MEDICAL single-barb designs offer an excellent secure connection with better tensile pull results and hydrostatic burst testing results than traditional multi-barb designs.

ISO 80369-6

Neuraxial Devices

Hospitals have begun using these connectors, and their adoption rate is continuing to increase. NE Series neuraxial connectors are small, lightweight, and offer comfort and compliance. While there is no standard color requirement, we offer clear and yellow-tint connectors and caps. The female connectors showcase wings and the male connectors have an easy-to-grip hub. With bond-in pocket tubing sizes of 2.1 mm and 3.1 mm outside diameters in both the male and female connectors, and both venting and non-venting caps and plugs, we offer a range of connectors.

ISO 80369-7

Intravascular (IV) or Hypodermic

Nordson MEDICAL’s standard product base has over 700 different types of luers that can be customized to achieve compliance. The ISO 80369-7 standard is a refinement of the traditional luer and defines multiple dimensions for various styles. It replaces ISO 594-1 and 594-2 standards. Our ISO 80369 experts are available to answer all your ISO 80369-7 questions, and address your needs.

When Will it Come into Effect?

Most ISO 80369 sub-standards are published and currently active. The requirements can be followed to ensure non-interconnectability with connector sets based on criteria outlined within the standards. Our team is on the front lines in the development of these standards, allowing us great insight to any changes that the standards may incur. We will be keeping our website updated with the latest developments.

How Does it Impact Me?

Compliance with the ISO 80369 standards may require major changes on the part of medical device manufacturers. For some, it could mean new designs, new parts, new moldings and updating or replacing millions of components. For specific applications, new connectors will be needed to replace luers in a multitude of areas. Nordson MEDICAL has taken a very active role in the development of these standards to help reduce the impact of this change on our customers.

How Can I Stay Informed?

To keep the medical device community apprised of new developments, we have chosen to provide information in one web location. Nordson MEDICAL has set up an online resource to help medical device OEMs stay informed of the changes and updates to this standard.

To read the latest updates and view related resources, go to Nordson MEDICAL’s online resource at i8.nordsonmedical.com.
ISO 80369-3
Enteral Feeding Connectors

ISO 80369-3 COMPLIANT PARTS:
Enteral Feeding & Gastric Fittings and Assemblies

ISO 80369-3 Accessories:
Tethered caps and plugs are not covered under the ISO 80369-3 standard, but are compatible with our enteral male and female connectors.

ENTFCTC (-VP1)
Tethered Cap Fits Enteral Male Connector in Animal-Free Polyethylene

ENTMTP (-VP1)
Tethered Plug Fits ENT Series Female Connector in Animal-Free Polyethylene

ISO 80369-3 (ENFIT) compliant extension sets are also available and can be customized to meet your specific needs. We offer a variety of tubing diameter sizes, lengths, and materials, with or without tethered caps. Please contact Nordson MEDICAL to discuss your requirements.

Extension Sets

ISO 80369-5
Blood Pressure Fittings

ISO 80369-5 COMPLIANT PARTS:
Bayonet Male Cuff Connectors

BPM013 (-1)
Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 1/8" (3.2 mm) ID Tubing

BPM240 (-1)
Blood Pressure Monitor Bayonet Connector to 200 Series Barb, 80369-5 Compliant, 5/32" (4.0 mm) ID Tubing

BPM025 (-1)
Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 3/16" (4.8 mm) ID Tubing
ISO 80369-6 COMPLIANT PARTS:
Neuraxial Connectors

**ISO 80369-6 COMPLIANT PARTS:**

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Description</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEFC-50</td>
<td>Neuraxial Female Cap, Fits Neuraxial Male Connector, Clear Acrylic</td>
<td><img src="image1.png" alt="Image" /></td>
</tr>
<tr>
<td>NEFC-8012</td>
<td>Neuraxial Female Cap, Fits Neuraxial Male Connector, White ABS</td>
<td><img src="image2.png" alt="Image" /></td>
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<tr>
<td>NEFCV-50</td>
<td>Neuraxial Female Vented Cap, Fits Neuraxial Male Connector, Clear Acrylic</td>
<td><img src="image3.png" alt="Image" /></td>
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<tr>
<td>NEFCV-CM064</td>
<td>Neuraxial Female Vented Cap, Fits Neuraxial Male Connector, Yellow Tinted Polycarbonate</td>
<td><img src="image4.png" alt="Image" /></td>
</tr>
<tr>
<td>NEFE21-50</td>
<td>Neuraxial Female Connector with 2.1 mm Tubing Bond-In Pocket, Clear Acrylic</td>
<td><img src="image5.png" alt="Image" /></td>
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<tr>
<td>NEFE21-57</td>
<td>Neuraxial Female Connector with 2.1 mm Tubing Bond-In Pocket, Yellow Acrylic</td>
<td><img src="image6.png" alt="Image" /></td>
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<tr>
<td>NEFE31-50</td>
<td>Neuraxial Female Connector with 3.1 mm Tubing Bond-In Pocket, Clear Acrylic</td>
<td><img src="image7.png" alt="Image" /></td>
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<tr>
<td>NEFE31-9010</td>
<td>Neuraxial Female Connector with 3.1 mm Tubing Bond-In Pocket, Polycarbonate</td>
<td><img src="image8.png" alt="Image" /></td>
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<tr>
<td>NEME21-50</td>
<td>Neuraxial Male Connector with 2.1 mm Tubing Bond-In Pocket, Clear Acrylic</td>
<td><img src="image9.png" alt="Image" /></td>
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<tr>
<td>NEME21-57</td>
<td>Neuraxial Male Connector with 2.1 mm Tubing Bond-In Pocket, Yellow Acrylic</td>
<td><img src="image10.png" alt="Image" /></td>
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<td>NEME31-50</td>
<td>Neuraxial Male Connector with 3.1 mm Tubing Bond-In Pocket, Clear Acrylic</td>
<td><img src="image11.png" alt="Image" /></td>
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<tr>
<td>NEMP-50</td>
<td>Neuraxial Male Plug, Fits Neuraxial Female Connector, Clear Acrylic</td>
<td><img src="image12.png" alt="Image" /></td>
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<td>NEMP-57</td>
<td>Neuraxial Male Plug, Fits Neuraxial Female Connector, Yellow Acrylic</td>
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<td>NEMP-CM064</td>
<td>Neuraxial Male Plug, Fits Neuraxial Female Connector, Yellow Tinted Polycarbonate</td>
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<td>NEMPV-50</td>
<td>Neuraxial Male Vented Plug, Fits Neuraxial Female Connector, Clear Acrylic</td>
<td><img src="image15.png" alt="Image" /></td>
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</tbody>
</table>

**Technical Assistance**

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support (870) 267-5200.
Our medical quick connect line is incredible - Quick connect couplings allow you to quickly and easily connect or disconnect fluid transfer lines, without using tools and without disrupting tubing pressure. Sizes range from 1/16" (1.6 mm) to 1/2" (12.7 mm) ID tubing.

**QUICK CONNECT COUPLINGS:**
Product Families

<table>
<thead>
<tr>
<th>Series</th>
<th>Size</th>
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<tr>
<td>10 SERIES</td>
<td>1/16&quot; Flow Size</td>
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<tr>
<td>20 SERIES</td>
<td>1/8&quot; Flow Size</td>
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<tr>
<td>30 SERIES</td>
<td>1/8&quot; Flow Size</td>
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</table>

**Hose Barb Quick Connect Couplings**
PG-44

**PTF Quick Connect Couplings**
PG-69

**Push-In Quick Connect Couplings**
PG-78

**Threaded Quick Connect Couplings**
PG-80

**Twist Latch Hose Barb Quick Connect Couplings**
PG-89

**Did You Know?**
Nordson MEDICAL has an interactive PDF available online at [www.nordsonmedical.com](http://www.nordsonmedical.com). Access part drawings, reference charts, data sheets, and more from just one location!
### Need More Details?

Check out the quick connect Datasheets at [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at FMF-sales@nordsonmedical.com.

### QUICK CONNECT COUPLINGS:

**Product Families**

<table>
<thead>
<tr>
<th>Series</th>
<th>Flow Size</th>
<th>Description</th>
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<td><strong>40 SERIES</strong></td>
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<td>40AC Series</td>
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<tr>
<td>40PP Series</td>
<td>Cool Grey Polypropylene, 1/4&quot; - 3/8&quot; Tubing Size</td>
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<td>40PP Series</td>
<td>Almond Polypropylene, 1/4&quot; - 3/8&quot; Tubing Size</td>
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<td>40CB Series</td>
<td>Chrome Brass, 1/4&quot; - 3/8&quot; Tubing Size</td>
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<td><strong>42 SERIES</strong></td>
<td>3/32&quot;</td>
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<td>42AB Series</td>
<td>ABS Material, 1/8&quot; Tubing Size</td>
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<tr>
<td>42AC Series</td>
<td>Acetal (POM), 1/16&quot; and 1/8&quot; Tubing Size</td>
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<td>50AC Series</td>
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<td>50PP Series</td>
<td>Polypropylene, 1/4&quot; - 3/8&quot; Tubing Size</td>
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<td>50BAC Series</td>
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<td>50GP Series</td>
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<td>65GP Series</td>
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<td><strong>MQC SERIES</strong></td>
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<td><strong>SBL SERIES</strong></td>
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<td>SBL Series</td>
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<td>XQ Series</td>
<td>Acetal or Polypropylene, 1/4&quot; - 3/8&quot; Tubing Size</td>
<td></td>
</tr>
</tbody>
</table>

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HOSE BARB
Quick Connect Couplings

Nordson MEDICAL offers hose barb connectors in sizes ranging from 1/16” (1.6 mm) to 3/4” (19.0 mm) ID tubing in over 600 separate configurations in acetal, polypropylene, chrome brass, ABS, polysulfone and glass-filled polypropylene, with other engineering resins available on special order. Available barbed fitting styles include straight connectors, elbow fittings, and panel mount configurations. These barbed connectors are for use with lower durometer tubing such as PVC, polyurethane, silicone, rubber, etc.

Identification: Female Open Flow Straight

**20 Series Reference Part: 20AC-S2-04**

- **20AC-S2-01**
  LinkTech 20AC Series Straight Female, Non-Valved, 1/16” Hose Barb, Natural Acetal

- **20AC-S2-02**
  LinkTech 20AC Series Straight Female, Non-Valved, 1/8” Hose Barb, Natural Acetal

- **20AC-S2-03**
  LinkTech 20AC Series Straight Female, Non-Valved, 3/16” Hose Barb, Natural Acetal

- **20AC-S2-04**
  LinkTech 20AC Series Straight Female, Non-Valved, 1/4” Hose Barb, Natural Acetal

- **20CB-S2-02**
  LinkTech 20CB Series Straight Female, Non-Valved, 1/8” Hose Barb, Chrome Brass

- **20CB-S2-03**
  LinkTech 20CB Series Straight Female, Non-Valved, 3/16” Hose Barb, Chrome Brass

- **20CB-S2-04**
  LinkTech 20CB Series Straight Female, Non-Valved, 1/4” Hose Barb, Chrome Brass

- **20PP-S2-01**
  LinkTech 20PP Series Straight Female, Non-Valved, 1/16” Hose Barb, Molded Grey Color, Polypropylene

- **20PP-S2-01MALD**
  LinkTech 20PP Series Straight Female, Non-Valved, 1/16” Hose Barb, Molded Almond Color, Polypropylene

- **20PP-S2-02**
  LinkTech 20PP Series Straight Female, Non-Valved, 1/8” Hose Barb, Molded Grey Color, Polypropylene

- **20PP-S2-02MALD**
  LinkTech 20PP Series Straight Female, Non-Valved, 1/8” Hose Barb, Molded Almond Color, Polypropylene

- **20PP-S2-04**
  LinkTech 20PP Series Straight Female, Non-Valved, 1/4” Hose Barb, Molded Grey Color, Polypropylene

- **20PP-S2-04MALD**
  LinkTech 20PP Series Straight Female, Non-Valved, 1/4” Hose Barb, Molded Almond Color, Polypropylene

**30 Series Reference Part: 30AC-S2-04**

- **30AC-S2-01**
  LinkTech 30AC Series Straight Female, Non-Valved, 1/16” Hose Barb, Natural Acetal

- **30AC-S2-02**
  LinkTech 30AC Series Straight Female, Non-Valved, 1/8” Hose Barb, Natural Acetal

- **30AC-S2-03**
  LinkTech 30AC Series Straight Female, Non-Valved, 3/16” Hose Barb, Natural Acetal

- **30AC-S2-04**
  LinkTech 30AC Series Straight Female, Non-Valved, 1/4” Hose Barb, Natural Acetal

**40 Series Reference Part: 40AC-S2-04**

- **40AC-S2-04**
  LinkTech 40AC Series Straight Female, Non-Valved, 1/4” Hose Barb, Natural Acetal

- **40AC-S2-05**
  LinkTech 40AC Series Straight Female, Non-Valved, 5/16” Hose Barb, Natural Acetal

- **40AC-S2-06**
  LinkTech 40AC Series Straight Female, Non-Valved, 3/8” Hose Barb, Natural Acetal

- **40PP-S2-01**
  LinkTech 40PP Series Straight Female, Non-Valved, 1/16” Hose Barb, Molded Grey Color, Polypropylene

- **40PP-S2-01MALD**
  LinkTech 40PP Series Straight Female, Non-Valved, 1/16” Hose Barb, Molded Almond Color, Polypropylene

- **40PP-S2-02**
  LinkTech 40PP Series Straight Female, Non-Valved, 1/8” Hose Barb, Molded Grey Color, Polypropylene

- **40PP-S2-02MALD**
  LinkTech 40PP Series Straight Female, Non-Valved, 1/8” Hose Barb, Molded Almond Color, Polypropylene

- **40PP-S2-04**
  LinkTech 40PP Series Straight Female, Non-Valved, 1/4” Hose Barb, Molded Grey Color, Polypropylene

- **40PP-S2-04MALD**
  LinkTech 40PP Series Straight Female, Non-Valved, 1/4” Hose Barb, Molded Almond Color, Polypropylene

- **40CB-S2-04**
  LinkTech 40CB Series Straight Female, Non-Valved, 1/4” Hose Barb, Chrome Brass
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<td><strong>60PS-S2-12BLK</strong></td>
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### HOSE BARB COUPLINGS:
Female Open Flow Straight

#### 65 Series Reference Part: 65GP-S2-12

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<td>65GP-S2-12</td>
<td>LinkTech 65GP Series Straight Female, Non-Valved, 3/4&quot; Hose Barb, Glass-Filled Polypropylene</td>
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<td>65PS-S2-12</td>
<td>LinkTech 65PS Series Straight Female, Non-Valved, 3/4&quot; Hose Barb, Polysulfone</td>
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#### 100 Series Reference Part: 100AC-S2-02

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<td>LinkTech 100 Series Female Housing without Inserts, Acetal</td>
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<td>LinkTech 100AC Series Straight Female, Non-Valved, 1/16&quot; Hose Barb, Acetal</td>
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<td>100AC-S2-02</td>
<td>LinkTech 100AC Series Straight Female, Non-Valved, 1/8&quot; Hose Barb, Acetal</td>
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<tr>
<td>100AC-S2-M3</td>
<td>LinkTech 100AC Series Straight Female, Non-Valved, 3 mm Hose Barb, Acetal</td>
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<td>100PP-S2-02</td>
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<tr>
<td>100PP-S2-M3</td>
<td>LinkTech 100PP Series Straight Female, Non-Valved, 3 mm Hose Barb, Polypropylene</td>
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#### MQC Series Reference Part: MQCF230

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<td>Dual Latch Quick Connect Female 200 Series Barb 1/8&quot; (3.2 mm) Tubing ID</td>
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<td>Dual Latch Quick Connect Female 200 Series Barb 5/32&quot; (4.0 mm) Tubing ID</td>
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<td>Dual Latch Quick Connect Female 200 Series Barb 3/16&quot; (4.8 mm) Tubing ID</td>
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#### RQ Series Reference Part: RQXFL670

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<td>Female Open Flow, 600 Series Barb, 1/4&quot; (6.4 mm) Tubing ID</td>
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<tr>
<td>RQCF655 (-6005 -001)</td>
<td>Female Open Flow, 600 Series Barb, 1/4&quot; (6.4 mm) Tubing ID, Locking Feature</td>
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<tr>
<td>RQCF670 (-9024 -001)</td>
<td>Female Open Flow, 600 Series Barb, 3/8&quot; (9.5 mm) Tubing ID</td>
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<tr>
<td>RQCF670 (-6005 -001)</td>
<td>Female Open Flow, 600 Series Barb, 3/8&quot; (9.5 mm) Tubing ID, Locking Feature</td>
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<tr>
<td>RQXFL670 (-9024 -001)</td>
<td>Female Open Flow, 600 Series Barb, 1/2&quot; (12.7 mm) Tubing ID</td>
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<tr>
<td>RQXFL670 (-6005 -001)</td>
<td>Female Open Flow, 600 Series Barb, 1/2&quot; (12.7 mm) Tubing ID, Locking Feature</td>
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<tr>
<td>RQXF670 (-9024 -001)</td>
<td>Female Open Flow, 600 Series Barb, 1/2&quot; (12.7 mm) Tubing ID</td>
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<tr>
<td>RQXFL670 (-6005 -001)</td>
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<tr>
<td>RQXF680 (-9024 -001)</td>
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<td>RQXFL680 (-6005 -001)</td>
<td>Female Open Flow, 600 Series Barb, 1/2&quot; (12.7 mm) Tubing ID, Locking Feature</td>
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Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!

HOSE BARB COUPLINGS:
Female Open Flow Straight

SBL Series Reference Part: SBLF035

SBLF013 (-1 -2 -8B -CM030)
Side Latch Quick Connect Female 500 Series Barb, 1/8" (3.2 mm) Tubing ID

SBLF035 (-1 -2 -8B -CM030)
Side Latch Quick Connect Female 500 Series Barb, 3/16" (4.8 mm) Tubing ID

XQ Series Reference Part: XQSF755

XQSF755 (-1006)
XQ Series Female Open Flow Connector, 700 Series Barb, 1/4" (6.4 mm) Tubing ID

XQSF770 (-1006 -1007)
XQ Series Female Open Flow Connector, 700 Series Barb, 3/8" (9.5 mm) Tubing ID

HOSE BARB COUPLINGS:
Male Open Flow Straight

20 Series Reference Part: 20AC-PB2-04

20AC-PB2-01
LinkTech 20AC Series Straight Male, Non-Valved, 1/16" Hose Barb, Natural Acetal, Buna-N O-ring

20AC-PB2-02
LinkTech 20AC Series Straight Male, Non-Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

20AC-PB2-03
LinkTech 20AC Series Straight Male, Non-Valved, 3/16" Hose Barb, Natural Acetal, Buna-N O-ring

20AC-PB2-04
LinkTech 20AC Series Straight Male, Non-Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

20CB-PB2-02
LinkTech 20CB Series Straight Male, Non-Valved, 1/8" Hose Barb, Chrome Brass, Buna-N O-ring

20CB-PB2-03
LinkTech 20CB Series Straight Male, Non-Valved, 3/16" Hose Barb, Chrome Brass, Buna-N O-ring

20CB-PB2-04
LinkTech 20CB Series Straight Male, Non-Valved, 1/4" Hose Barb, Chrome Brass, Buna-N O-ring

20PP-PE2-01
LinkTech 20PP Series Straight Male, Non-Valved, 1/16" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

20PP-PE2-01MALD
LinkTech 20PP Series Straight Male, Non-Valved, 1/16" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

20PP-PE2-02
LinkTech 20PP Series Straight Male, Non-Valved, 1/8" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

20PP-PE2-02MALD
LinkTech 20PP Series Straight Male, Non-Valved, 1/8" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

20PP-PE2-04
LinkTech 20PP Series Straight Male, Non-Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

20PP-PE2-04MALD
LinkTech 20PP Series Straight Male, Non-Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

LinkTech Line Part Number Guide

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<td>O-Ring</td>
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Part Drawings Online!
Nordson MEDICAL provides dimensional drawings available for download for all of its fittings. 
www.nordsonmedical.com
## HOSE BARB COUPLINGS:
**Male Open Flow Straight**

### 30 Series Reference Part: 30AC-PB2-02
- **30AC-PB2-02**
  - LinkTech 30AC Series Straight Male, Non-Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

### 40 Series Reference Part: 40AC-PB2-04
- **40AC-PB2-04**
  - LinkTech 40AC Series Straight Male, Non-Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring
- **40AC-PB2-05**
  - LinkTech 40AC Series Straight Male, Non-Valved, 5/16" Hose Barb, Natural Acetal, Buna-N O-ring
- **40AC-PB2-06**
  - LinkTech 40AC Series Straight Male, Non-Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring
- **40AC-PB6**
  - LinkTech 40AC Series End Stop Male, Natural Acetal, Buna-N O-ring

### 40 Series Reference Part: 40AC-PB2-04
- **40AC-PB2-04**
  - LinkTech 40AC Series Straight Male, Non-Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring
- **40AC-PB2-05**
  - LinkTech 40AC Series Straight Male, Non-Valved, 5/16" Hose Barb, Natural Acetal, Buna-N O-ring
- **40AC-PB2-06**
  - LinkTech 40AC Series Straight Male, Non-Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

### 42 Series Reference Part: 42AC-PB2-02
- **42AB-PB2-02**
  - LinkTech 42AB Series Straight Male, Non-Valved, 1/8" Hose Barb, ABS, Buna-N O-ring
- **42AC-PB2-01**
  - LinkTech 42AC Series Straight Male, Non-Valved, 1/16" Hose Barb, Natural Acetal, Buna-N O-ring
- **42AC-PB2-0102**
  - LinkTech 42AC Series Straight Male, Non-Valved, 1/16" and 1/8" Hose Barb, Natural Acetal, Buna-N O-ring
- **42AC-PB2-02**
  - LinkTech 42AC Series Straight Male, Non-Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring
- **42AC-PB2-0201**
  - LinkTech 42AC Series Straight Male, Non-Valved, 1/8" and 1/16" Hose Barb, Natural Acetal, Buna-N O-ring

### 50 Series Reference Part: 50AC-PB2-06
- **50AC-PB2-04**
  - LinkTech 50AC Series Straight Male, Non-Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring
- **50AC-PB2-05**
  - LinkTech 50AC Series Straight Male, Non-Valved, 5/16" Hose Barb, Natural Acetal, Buna-N O-ring
- **50AC-PB2-06**
  - LinkTech 50AC Series Straight Male, Non-Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring
- **50GP-PF5-04**
  - LinkTech 50GP Series Straight Male, Non-Valved, 1/4" Hose Barb, Glass-Filled Polypropylene, Food Grade EPDM O-ring
- **50GP-PF5-06**
  - LinkTech 50GP Series Straight Male, Non-Valved, 3/8" Hose Barb, Glass-Filled Polypropylene, Food Grade EPDM O-ring
- **50GP-PF6**
  - LinkTech 50GP Series End Stop Male, Glass-Filled Polypropylene, Food Grade EPDM O-ring
- **50PPX-PF2-04**
  - LinkTech 50PP Series Straight Male, Non-Valved, 1/4" Hose Barb, Polypropylene, EPDM O-ring
- **50PPX-PF2-06**
  - LinkTech 50PP Series Straight Male, Non-Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring
### 60 Series Reference Part: 60PP-PE2-04

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<td>LinkTech 60PP Series Straight Male, Non-Valved, 1/4&quot; Hose Barb, Polypropylene, EPDM O-ring</td>
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<td>LinkTech 60PP Series Straight Male, Non-Valved, 1/4&quot; Hose Barb, Molded Black Color, Polypropylene, EPDM O-ring</td>
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<td>LinkTech 60PP Series Straight Male, Non-Valved, 3/4&quot; Hose Barb, Polypropylene, EPDM O-ring</td>
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<td>60PS-PE2-06</td>
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<td>LinkTech 60PS Series Straight Male, Non-Valved, 3/4&quot; Hose Barb, Polysulfone, EPDM O-ring</td>
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### 65 Series Reference Part: 65PS-PFB2-12

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<td>65PS-PFB2-12</td>
<td>LinkTech 65PS Series Straight Male, Non-Valved, 3/4&quot; Hose Barb, Polysulfone, FDA Buna-N O-ring</td>
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### 100 Series Reference Part: 100AC-PB2-02

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<td>LinkTech 100 Series Male Housing without Inserts, Acetal</td>
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<td>LinkTech 100AC Series Straight Male, Non-Valved, 1/16&quot; Hose Barb, Acetal, Buna-N O-ring</td>
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<tr>
<td>100AC-PB2-02</td>
<td>LinkTech 100AC Series Straight Male, Non-Valved, 1/8&quot; Hose Barb, Acetal, Buna-N O-ring</td>
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<td>LinkTech 100PP Series Straight Male, Non-Valved, 1/8&quot; Hose Barb, Polypropylene, EPDM O-ring</td>
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## HOSE BARB COUPLINGS:
Female Open Flow Panel Mount

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<tr>
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<td>LinkTech 20CB Series Panel Mount Female, Non-Valved, 3/16&quot; Hose Barb, Chrome Brass</td>
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<tr>
<td><strong>20CB-S3-04</strong></td>
<td>LinkTech 20CB Series Panel Mount Female, Non-Valved, 1/4&quot; Hose Barb, Chrome Brass</td>
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<tr>
<td><strong>20PP-S3-01</strong></td>
<td>LinkTech 20PP Series Panel Mount Female, Non-Valved, 1/16&quot; Hose Barb, Molded Grey Color, Polypropylene</td>
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<tr>
<td><strong>20PP-S3-02</strong></td>
<td>LinkTech 20PP Series Panel Mount Female, Non-Valved, 1/8&quot; Hose Barb, Molded Grey Color, Polypropylene</td>
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<td><strong>20PP-S3-02MALD</strong></td>
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<tr>
<td><strong>20PP-S3-04MALD</strong></td>
<td>LinkTech 20PP Series Panel Mount Female, Non-Valved, 1/4&quot; Hose Barb, Molded Almond Color, Polypropylene</td>
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### 30 Series Reference Part: 30AC-S3-04

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<td>LinkTech 40PP Series Panel Mount Female, Non-Valved, 1/4&quot; Hose Barb, Molded Grey Color, Polypropylene</td>
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<td><strong>40PP-S3-04MALD</strong></td>
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<td><strong>40PP-S3-06</strong></td>
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<td><strong>40PP-S3-06MALD</strong></td>
<td>LinkTech 40PP Series Panel Mount Female, Non-Valved, 3/8&quot; Hose Barb, Molded Almond Color, Polypropylene</td>
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</table>

### Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

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HOSE BARB COUPLINGS:
Female Open Flow Panel Mount

42 Series Reference Part: 42AC-S3-0201

42AB-S3-02
LinkTech 42AB Series Panel Mount Female, Non-Valved, 1/8" Hose Barb, ABS

42AC-S3-01
LinkTech 42AC Series Panel Mount Female, Non-Valved, 1/16" Hose Barb, Natural Acetal

42AC-S3-0102
LinkTech 42AC Series Panel Mount Female, Non-Valved, 1/16" and 1/8" Hose Barb, Natural Acetal

42AC-S3-02
LinkTech 42AC Series Panel Mount Female, Non-Valved, 1/8" Hose Barb, Natural Acetal

42AC-S3-0201
LinkTech 42AC Series Panel Mount Female, Non-Valved, 1/8" and 1/16" Hose Barb, Natural Acetal

50 Series Reference Part: 50AC-S3-04

50AC-S3-04
LinkTech 50AC Series Panel Mount Female, Non-Valved, 1/4" Hose Barb, Natural Acetal

50AC-S3-05
LinkTech 50AC Series Panel Mount Female, Non-Valved, 5/16" Hose Barb, Natural Acetal

50AC-S3-06
LinkTech 50AC Series Panel Mount Female, Non-Valved, 3/8" Hose Barb, Natural Acetal

50BAC-S3-04
LinkTech 50BAC Series Panel Mount Female, Non-Valved, 1/4" Hose Barb, Natural Acetal

50BAC-S3-05
LinkTech 50BAC Series Panel Mount Female, Non-Valved, 5/16" Hose Barb, Natural Acetal

60 Series Reference Part: 60PP-S3-08

60PP-S22-06
LinkTech 60PP Series Panel Mount Female, Non-Valved, 3/8" Hose Barb Elbow, Polypropylene

60PP-S22-08
LinkTech 60PP Series Panel Mount Female, Non-Valved, 1/2" Hose Barb Elbow, Polypropylene

60PP-S3-04
LinkTech 60PP Series Panel Mount Female, Non-Valved, 1/4" Hose Barb, Polypropylene

60PP-S3-06
LinkTech 60PP Series Panel Mount Female, Non-Valved, 3/8" Hose Barb, Polypropylene

60PP-S3-08
LinkTech 60PP Series Panel Mount Female, Non-Valved, 1/2" Hose Barb, Polypropylene

60PP-S3-12
LinkTech 60PP Series Panel Mount Female, Non-Valved, 3/4" Hose Barb, Polypropylene

60PS-S3-04
LinkTech 60PS Series Panel Mount Female, Non-Valved, 1/4" Hose Barb, Polysulfone

60PS-S3-06
LinkTech 60PS Series Panel Mount Female, Non-Valved, 3/8" Hose Barb, Polysulfone

60PS-S3-06BLK
LinkTech 60PS Series Panel Mount Female, Non-Valved, 3/8" Hose Barb, Molded Black Color, Polysulfone

60PS-S3-08
LinkTech 60PS Series Panel Mount Female, Non-Valved, 1/2" Hose Barb, Polysulfone

60PS-S3-08BLK
LinkTech 60PS Series Panel Mount Female, Non-Valved, 1/2" Hose Barb, Molded Black Color, Polysulfone

60PS-S3-12
LinkTech 60PS Series Panel Mount Female, Non-Valved, 3/4" Hose Barb, Polysulfone
### Quick Connects

#### Hose Barb Couplings: Female Open Flow Panel Mount

**65 Series Reference Part: 65PS-S3-12**

- **65PS-S3-12**
  - LinkTech 65PS Series Panel Mount Female, Non-Valved, 3/4” Hose Barb, Polysulfone

**XQ Series Reference Part: XQSBF755**

**XQSBF755 (-1006)**
- XQ Series Female Open Flow Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 1/4” (6.4 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)

**XQSBF770 (-1006)**
- XQ Series Female Open Flow Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 3/8” (9.5 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)

#### Hose Barb Couplings: Male Open Flow Panel Mount

**20 Series Reference Part: 20AC-PB3-04**

- **20AC-PB3-01**
  - LinkTech 20AC Series Panel Mount Male, Non-Valved, 1/16” Hose Barb, Natural Acetal, Buna-N O-ring

- **20AC-PB3-02**
  - LinkTech 20AC Series Panel Mount Male, Non-Valved, 1/8” Hose Barb, Natural Acetal, Buna-N O-ring

- **20AC-PB3-03**
  - LinkTech 20AC Series Panel Mount Male, Non-Valved, 3/16” Hose Barb, Natural Acetal, Buna-N O-ring

**40 Series Reference Part: 40AC-PB3-04**

- **40AC-PB3-04**
  - LinkTech 40AC Series Panel Mount Male, Non-Valved, 1/4” Hose Barb, Natural Acetal, Buna-N O-ring

- **40AC-PB3-05**
  - LinkTech 40AC Series Panel Mount Male, Non-Valved, 5/16” Hose Barb, Natural Acetal, Buna-N O-ring

- **40AC-PB3-06**
  - LinkTech 40AC Series Panel Mount Male, Non-Valved, 3/8” Hose Barb, Natural Acetal, Buna-N O-ring

- **40CB-PB3-04**
  - LinkTech 40CB Series Panel Mount Male, Non-Valved, 1/4” Hose Barb, Chrome Brass, Buna-N O-ring

- **40CB-PB3-05**
  - LinkTech 40CB Series Panel Mount Male, Non-Valved, 5/16” Hose Barb, Chrome Brass, Buna-N O-ring

- **40CB-PB3-06**
  - LinkTech 40CB Series Panel Mount Male, Non-Valved, 3/8” Hose Barb, Chrome Brass, Buna-N O-ring

- **40PP-PE3-04**
  - LinkTech 40PP Series Panel Mount Male, Non-Valved, 1/4” Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

- **40PP-PE3-04MALD**
  - LinkTech 40PP Series Panel Mount Male, Non-Valved, 1/4” Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

- **40PP-PE3-06**
  - LinkTech 40PP Series Panel Mount Male, Non-Valved, 3/8” Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

- **40PP-PE3-06MALD**
  - LinkTech 40PP Series Panel Mount Male, Non-Valved, 3/8” Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

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Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
Hose Barb Couplings: Male Open Flow Panel Mount

60 Series Reference Part: 60PP-PE3-06

60PP-PE3-04
LinkTech 60PP Series Panel Mount Male, Non-Valved, 1/4” Hose Barb, Polypropylene, EPDM O-ring

60PP-PE3-06
LinkTech 60PP Series Panel Mount Male, Non-Valved, 3/8” Hose Barb, Polypropylene, EPDM O-ring

60PP-PE3-08
LinkTech 60PP Series Panel Mount Male, Non-Valved, 1/2” Hose Barb, Polypropylene, EPDM O-ring

60PP-PE3-08BLK
LinkTech 60PP Series Panel Mount Male, Non-Valved, 1/2” Hose Barb, Molded Black Color, Polypropylene, EPDM O-ring

60PP-PE3-12
LinkTech 60PP Series Panel Mount Male, Non-Valved, 3/4” Hose Barb, Polypropylene, EPDM O-ring

60PS-PE3-06
LinkTech 60PS Series Panel Mount Male, Non-Valved, 3/8” Hose Barb, Polysulfone, EPDM O-ring

60PS-PE3-08
LinkTech 60PS Series Panel Mount Male, Non-Valved, 1/2” Hose Barb, Polysulfone, EPDM O-ring

60PS-PE3-08BLK
LinkTech 60PS Series Panel Mount Male, Non-Valved, 1/2” Hose Barb, Molded Black Color, Polysulfone, EPDM O-ring

60PS-PE3-12
LinkTech 60PS Series Panel Mount Male, Non-Valved, 3/4” Hose Barb, Polysulfone, EPDM O-ring

65 Series Reference Part: 65PS-PFB3-12

65PS-PFB3-12
LinkTech 65PS Series Panel Mount Male, Non-Valved, 3/4” Hose Barb, Polysulfone, FDA Buna-N O-ring

100 Series Reference Part: 100-PM3

100-PM3
LinkTech 100 Series Panel Mount Adapter and Nut, 7/16”, Acetal

XQ Series Reference Part: XQCBM755

XQCBM755 (-1006-B)
XQ Series Male Open Flow Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 1/4” (6.4 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)

XQCBM770 (-1006-B)
XQ Series Male Open Flow Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 3/8” (9.5 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)

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### LinkTech Line Part Number Guide

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<th>Material</th>
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<td>S</td>
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### HOSE BARB COUPLINGS:

**Female Open Flow Elbow**

**20 Series Reference Part: 20AC-S4-04**

- **20AC-S4-02**
  - LinkTech 20AC Series Elbow Female, Non-Valved, 1/8” Hose Barb, Natural Acetal

- **20AC-S4-04**
  - LinkTech 20AC Series Elbow Female, Non-Valved, 1/4” Hose Barb, Natural Acetal

**50 Series Reference Part: 50GP-S7-06**

- **50GP-S7-06**
  - LinkTech 50GP Series Elbow Female, Non-Valved, 3/8” Hose Barb, Glass-Filled Polypropylene

### HOSE BARB COUPLINGS:

**Male Open Flow Elbow**

**20 Series Reference Part: 20AC-PB4-04**

- **20AC-PB4-02**
  - LinkTech 20AC Series Elbow Male, Non-Valved, 1/8” Hose Barb, Natural Acetal, Buna-N O-ring

- **20AC-PB4-04**
  - LinkTech 20AC Series Elbow Male, Non-Valved, 1/4” Hose Barb, Natural Acetal, Buna-N O-ring

- **20CB-PB4-02**
  - LinkTech 20CB Series Elbow Male, Non-Valved, 1/8” Hose Barb, Chrome Brass, Buna-N O-ring

- **20CB-PB4-04**
  - LinkTech 20CB Series Elbow Male, Non-Valved, 1/4” Hose Barb, Chrome Brass, Buna-N O-ring

- **20PPX-PE4-02**
  - LinkTech 20PP Series Elbow Male, Non-Valved, 1/8” Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

- **20PPX-PE4-02MALD**
  - LinkTech 20PP Series Elbow Male, Non-Valved, 1/8” Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

- **20PPX-PE4-04**
  - LinkTech 20PP Series Elbow Male, Non-Valved, 1/4” Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

- **20PPX-PE4-04MALD**
  - LinkTech 20PP Series Elbow Male, Non-Valved, 1/4” Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

**30 Series Reference Part: 30ACX-PB4-04**

- **30ACX-PB4-02**
  - LinkTech 30AC Series Elbow Male, Non-Valved, 1/8” Hose Barb, Natural Acetal, Buna-N O-ring

- **30ACX-PB4-04**
  - LinkTech 30AC Series Elbow Male, Non-Valved, 1/4” Hose Barb, Natural Acetal, Buna-N O-ring

### Did You Know?

Nordson MEDICAL has an interactive PDF available online at [www.nordsonmedical.com](http://www.nordsonmedical.com). Access part drawings, reference charts, data sheets, and more from just one location!
### 40 Series Reference Part: 40AC-PB4-06

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<th>Part Number</th>
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<td>40AC-PB4-04</td>
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### XQ Series Reference Part: XQCLM755

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<tr>
<td>XQCLM770 (-1006-B)</td>
<td>XQ Series Male Open Flow Elbow Connector, 700 Series Barb, 3/8” (9.5 mm) Tubing ID</td>
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Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

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See page 10 for more information on the Design Center!
### HOSE BARB COUPLINGS: Female Valved Straight

### 40 Series Reference Part: 40ACV-SB2-04

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### 50 Series Reference Part: 50ACV-SB2-06

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### 55 Series Reference Part: 55GPV-SE2-04

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**Need More Details?**

Check out the quick connect Datasheets at [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at [FMF-sales@nordsonmedical.com](mailto:FMF-sales@nordsonmedical.com).
### HOSE BARB COUPLINGS:
**Female Valved Straight**

#### 60 Series Reference Part: 60PPV-SE2-08

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<td>60PPV-SE2-08BLK</td>
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<td>60PPV-SE2-12</td>
<td>LinkTech 60PP Series Straight Female, Valved, 3/4&quot; Hose Barb, Polypropylene, EPDM O-ring</td>
</tr>
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#### 70 Series Reference Part: 70GPV-SE2-04

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<tbody>
<tr>
<td>70GPV-SE2-04</td>
<td>LinkTech 70 Series Straight Female, Valved, 1/4&quot; Hose Barb, Glass-Filled Polypropylene, Non-Exposed EPDM O-ring Seals</td>
</tr>
<tr>
<td>70GPV-SE2-06</td>
<td>LinkTech 70 Series Straight Female, Valved, 3/8&quot; Hose Barb, Glass-Filled Polypropylene, Non-Exposed EPDM O-ring Seals</td>
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#### 100 Series Reference Part: 100ACV-SB2-02

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<tr>
<td>100ACV-SB2-01</td>
<td>LinkTech 100AC Series Straight Female, Valved, 1/16&quot; Hose Barb, Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>100ACV-SB2-02</td>
<td>LinkTech 100AC Series Straight Female, Valved, 1/8&quot; Hose Barb, Acetal, Buna-N O-ring</td>
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#### XQ Series Reference Part: XQSVF755

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<tr>
<td>XQSVF755 (-1006-B -1007-B -6006-EP)</td>
<td>XQ Series Female Valved Connector, 70 Series Barb, 1/4&quot; (6.4 mm) Tubing ID</td>
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<tr>
<td>XQSVF765 (-1006-B -1007-B)</td>
<td>XQ Series Female Valved Connector, 70 Series Barb, 5/16&quot; (8.0 mm) Tubing ID</td>
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<tr>
<td>XQSVF770 (-1006-B -1007-B -6006-EP)</td>
<td>XQ Series Female Valved Connector, 70 Series Barb, 3/8&quot; (9.5 mm) Tubing ID</td>
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Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
### 20 Series Reference Part: 20ACV-PB2-04

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<tr>
<td>20ACV-PB2-01</td>
<td>LinkTech 20AC Series Straight Male, Valved, 1/16&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<tr>
<td>20ACV-PB2-02</td>
<td>LinkTech 20AC Series Straight Male, Valved, 1/8&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<td>20ACV-PB2-03</td>
<td>LinkTech 20AC Series Straight Male, Valved, 3/16&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<td>20ACV-PB2-04</td>
<td>LinkTech 20AC Series Straight Male, Valved, 1/4&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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### 30 Series Reference Part: 30ACV-PB2-02

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<td>30ACV-PB2-02</td>
<td>LinkTech 30AC Series Straight Male, Valved, 1/8&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<td>LinkTech 30AC Series Straight Male, Valved, 1/4&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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### 40 Series Reference Part: 40ACV-PB2-04

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<td>40ACV-PB2-04</td>
<td>LinkTech 40AC Series Straight Male, Valved, 1/4&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<tr>
<td>40ACV-PB2-05</td>
<td>LinkTech 40AC Series Straight Male, Valved, 5/16&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<tr>
<td>40ACV-PB2-06</td>
<td>LinkTech 40AC Series Straight Male, Valved, 3/8&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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### 40 Series Reference Part: 40CBV-PB2-05

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<td>40CBV-PB2-04</td>
<td>LinkTech 40CB Series Straight Male, Valved, 1/4&quot; Hose Barb, Chrome Brass, Buna-N O-ring</td>
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<td>40CBV-PB2-05</td>
<td>LinkTech 40CB Series Straight Male, Valved, 5/16&quot; Hose Barb, Chrome Brass, Buna-N O-ring</td>
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<td>40CBV-PB2-06</td>
<td>LinkTech 40CB Series Straight Male, Valved, 3/8&quot; Hose Barb, Chrome Brass, Buna-N O-ring</td>
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### 40 Series Reference Part: 40PPV-PE2-04

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<td>LinkTech 40PP Series Straight Male, Valved, 1/4&quot; Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring</td>
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<td>40PPV-PE2-05</td>
<td>LinkTech 40PP Series Straight Male, Valved, 5/16&quot; Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring</td>
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<td>40PPV-PE2-06</td>
<td>LinkTech 40PP Series Straight Male, Valved, 3/8&quot; Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring</td>
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<td>40PPV-PE2-04MALD</td>
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<tr>
<td>40PPV-PE2-06MALD</td>
<td>LinkTech 40PP Series Straight Male, Valved, 3/8&quot; Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring</td>
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### 40PPV-PE2-04MALD
LinkTech 40PP Series Straight Male, Valved, 1/4” Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

### 40PPV-PE2-06
LinkTech 40PP Series Straight Male, Valved, 3/8” Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

### 40PPV-PE2-06MALD
LinkTech 40PP Series Straight Male, Valved, 3/8” Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

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### 50 Series Reference Part: 50ACV-PB2-06

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<td>LinkTech 50AC Series Straight Male, Valved, 1/4” Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<td>50ACV-PB2-05</td>
<td>LinkTech 50AC Series Straight Male, Valved, 5/16” Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<td>50ACV-PB2-06</td>
<td>LinkTech 50AC Series Straight Male, Valved, 3/8” Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<td>50PPV-PE2-04</td>
<td>LinkTech 50PP Series Straight Male, Valved, 1/4” Hose Barb, Polypropylene, EPDM O-ring</td>
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<td>LinkTech 50PP Series Straight Male, Valved, 3/8” Hose Barb, Polypropylene, EPDM O-ring</td>
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### 55 Series Reference Part: 55GPV-PE2-04

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<td>LinkTech 55GP Series Straight Male, Valved, 1/4” Hose Barb, Glass-Filled Polypropylene, EPDM O-ring</td>
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<tr>
<td>55GPV-PE2-06</td>
<td>LinkTech 55GP Series Straight Male, Valved, 3/8” Hose Barb, Glass-Filled Polypropylene, EPDM O-ring</td>
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### 60 Series Reference Part: 60PPV-PE2-08

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<td>LinkTech 60PP Series Straight Male, Valved, 1/4” Hose Barb, Polypropylene, EPDM O-ring</td>
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<td>60PPV-PE2-04BLK</td>
<td>LinkTech 60PP Series Straight Male, Valved, 1/4” Hose Barb, Molded Black Color, Polypropylene, EPDM O-ring</td>
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<td>60PPV-PE2-06</td>
<td>LinkTech 60PP Series Straight Male, Valved, 3/8” Hose Barb, Polypropylene, EPDM O-ring</td>
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<tr>
<td>60PPV-PE2-06BLK</td>
<td>LinkTech 60PP Series Straight Male, Valved, 3/8” Hose Barb, Molded Black Color, Polypropylene, EPDM O-ring</td>
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<td>60PPV-PE2-08</td>
<td>LinkTech 60PP Series Straight Male, Valved, 1/2” Hose Barb, Polypropylene, EPDM O-ring</td>
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<td>60PPV-PE2-08BLK</td>
<td>LinkTech 60PP Series Straight Male, Valved, 1/2” Hose Barb, Molded Black Color, Polypropylene, EPDM O-ring</td>
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<td>60PSV-PE2-06</td>
<td>LinkTech 60PS Series Straight Male, Valved, 3/8” Hose Barb, Polysulfone, EPDM O-ring</td>
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<td>LinkTech 60PS Series Straight Male, Valved, 3/8” Hose Barb, Molded Black Color, Polysulfone, EPDM O-ring</td>
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<td>LinkTech 60PS Series Straight Male, Valved, 1/2” Hose Barb, Molded Black Color, Polysulfone, EPDM O-ring</td>
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<td>60PSV-PE2-12</td>
<td>LinkTech 60PS Series Straight Male, Valved, 3/4” Hose Barb, Polysulfone, EPDM O-ring</td>
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<td>60PSV-PE2-12BLK</td>
<td>LinkTech 60PS Series Straight Male, Valved, 3/4” Hose Barb, Molded Black Color, Polysulfone, EPDM O-ring</td>
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### QUICK CONNECTS

#### HOSE BARB COUPLINGS:

**Male Valved Straight**

**70 Series Reference Part: 70GPV-PE2-04**

- **70GPV-PE2-04**
  - LinkTech 70 Series Straight Male, Valved, 1/4” Hose Barb, Glass-Filled Polypropylene, Non-Exposed EPDM O-ring Seals

- **70GPV-PE2-06**
  - LinkTech 70 Series Straight Male, Valved, 3/8” Hose Barb, Glass-Filled Polypropylene, Non-Exposed EPDM O-ring Seals

**XQ Series Reference Part: XQCVM755**

- **XQCVM755 (-1006-B -6006-EP)**
  - XQ Series Male Valved Connector, 700 Series Barb, 1/4” (6.4 mm) Tubing ID

- **XQCVM765 (-1006-B -1007-B)**
  - XQ Series Male Valved Connector, 700 Series Barb, 5/16” (7.9 mm) Tubing ID

- **XQCVM770 (-1006-B -1007-B -6006-EP)**
  - XQ Series Male Valved Connector, 700 Series Barb, 3/8” (9.5 mm) Tubing ID

#### HOSE BARB COUPLINGS:

**Female Valved Panel Mount**

**20 Series Reference Part: 20ACV-SB3-04**

- **20ACV-SB3-01**
  - LinkTech 20AC Series Panel Mount Female, Valved, 1/16” Hose Barb, Natural Acetal, Buna-N O-ring

- **20ACV-SB3-01GS**
  - LinkTech 20AC Series Panel Mount Gasket Seal Female, Valved, 1/16” Hose Barb, Natural Acetal, Buna-N O-ring

- **20ACV-SB3-02**
  - LinkTech 20AC Series Panel Mount Female, Valved, 1/8” Hose Barb, Natural Acetal, Buna-N O-ring

- **20ACV-SB3-02GS**
  - LinkTech 20AC Series Panel Mount Gasket Seal Female, Valved, 1/8” Hose Barb, Natural Acetal, Buna-N O-ring

- **20ACV-SB3-03**
  - LinkTech 20AC Series Panel Mount Female, Valved, 3/16” Hose Barb, Natural Acetal, Buna-N O-ring

- **20ACV-SB3-03GS**
  - LinkTech 20AC Series Panel Mount Gasket Seal Female, Valved, 3/16” Hose Barb, Natural Acetal, Buna-N O-ring

- **20ACV-SB3-04**
  - LinkTech 20AC Series Panel Mount Female, Valved, 1/4” Hose Barb, Natural Acetal, Buna-N O-ring

- **20ACV-SB3-04GS**
  - LinkTech 20AC Series Panel Mount Gasket Seal Female, Valved, 1/4” Hose Barb, Natural Acetal, Buna-N O-ring

- **20CBV-SB3-02**
  - LinkTech 20CB Series Panel Mount Female, Valved, 1/8” Hose Barb, Chrome Brass, Buna-N O-ring

- **20CBV-SB3-03**
  - LinkTech 20CB Series Panel Mount Female, Valved, 3/16” Hose Barb, Chrome Brass, Buna-N O-ring

- **20CBV-SB3-04**
  - LinkTech 20CB Series Panel Mount Female, Valved, 1/4” Hose Barb, Chrome Brass, Buna-N O-ring

- **20PPV-SE3-01**
  - LinkTech 20PP Series Panel Mount Female, Valved, 1/16” Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

- **20PPV-SE3-01MALD**
  - LinkTech 20PP Series Panel Mount Female, Valved, 1/16” Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

- **20PPV-SE3-02**
  - LinkTech 20PP Series Panel Mount Female, Valved, 1/8” Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

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### LinkTech Line Part Number Guide

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<th>V - S</th>
<th>E</th>
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<td>O-Ring Type</td>
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**XQCVM755**

- **XQCVM755 (-1006-B -6006-EP)**
  - XQ Series Male Valved Connector, 700 Series Barb, 1/4” (6.4 mm) Tubing ID

- **XQCVM765 (-1006-B -1007-B)**
  - XQ Series Male Valved Connector, 700 Series Barb, 5/16” (7.9 mm) Tubing ID

- **XQCVM770 (-1006-B -1007-B -6006-EP)**
  - XQ Series Male Valved Connector, 700 Series Barb, 3/8” (9.5 mm) Tubing ID
# Hose Barb Couplings: Female Valved Panel Mount

Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!

## Quick Connects

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<th>Description</th>
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<tr>
<td>20PPV-SE3-02MALD</td>
<td>LinkTech 20PP Series Panel Mount Female, Valved, 1/8&quot; Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring</td>
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<tr>
<td>20PPV-SE3-04MALD</td>
<td>LinkTech 20PP Series Panel Mount Female, Valved, 1/4&quot; Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring</td>
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**30 Series Reference Part: 30ACV-SB3-04**

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<tr>
<td>30ACV-SB3-02</td>
<td>LinkTech 30AC Series Panel Mount Female, Valved, 1/8&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<td>30ACV-SB3-03</td>
<td>LinkTech 30AC Series Panel Mount Female, Valved, 3/16&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<td>LinkTech 40AC Series Panel Mount Female, Valved, 3/8&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<td>40CBV-SB3-04</td>
<td>LinkTech 40CB Series Panel Mount Female, Valved, 1/4&quot; Hose Barb, Chrome Brass, Buna-N O-ring</td>
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<tr>
<td>40PPV-SE3-04</td>
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**40 Series Reference Part: 40ACV-SB3-06**

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**50 Series Reference Part: 50ACV-SB3-06**

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<td>60PPV-SE3-06</td>
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<td>LinkTech 60PP Series Panel Mount Female, Valved, 1/2” Hose Barb, Polypropylene, EPDM O-ring</td>
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<td>LinkTech 60PP Series Panel Mount Female, Valved, 3/4” Hose Barb, Polypropylene, EPDM O-ring</td>
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<td>60PSV-SE3-06</td>
<td>LinkTech 60PS Series Panel Mount Female, Valved, 3/8” Hose Barb, Polysulfone, EPDM O-ring</td>
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<td>60PSV-SE3-12</td>
<td>LinkTech 60PS Series Panel Mount Female, Valved, 3/4” Hose Barb, Polysulfone, EPDM O-ring</td>
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<td>60PSV-SE3-12BLK</td>
<td>LinkTech 60PS Series Panel Mount Female, Valved, 3/4” Hose Barb, Molded Black Color, Polysulfone, EPDM O-ring</td>
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### XQ Series Reference Part: XQSVBF755

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<tr>
<th>Part Number</th>
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<tbody>
<tr>
<td>XQSVBF755 (-1006-B)</td>
<td>XQ Series Female Valved Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 1/4” (6.4 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)</td>
</tr>
</tbody>
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### HOSE BARB COUPLINGS: Male Valved Panel Mount

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>20ACV-PB3-01</td>
<td>LinkTech 20AC Series Panel Mount Male, Valved, 1/16” Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<tr>
<td>20ACV-PB3-02</td>
<td>LinkTech 20AC Series Panel Mount Male, Valved, 1/8” Hose Barb, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20ACV-PB3-03</td>
<td>LinkTech 20AC Series Panel Mount Male, Valved, 3/16” Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<tr>
<td>20ACV-PB3-04</td>
<td>LinkTech 20AC Series Panel Mount Male, Valved, 1/4” Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<tr>
<td>20CBV-PB3-02</td>
<td>LinkTech 20CB Series Panel Mount Male, Valved, 1/8” Hose Barb, Chrome Brass, Buna-N O-ring</td>
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<tr>
<td>20CBV-PB3-03</td>
<td>LinkTech 20CB Series Panel Mount Male, Valved, 3/16” Hose Barb, Chrome Brass, Buna-N O-ring</td>
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<tr>
<td>20CBV-PB3-04</td>
<td>LinkTech 20CB Series Panel Mount Male, Valved, 1/4” Hose Barb, Chrome Brass, Buna-N O-ring</td>
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</tbody>
</table>

### Need More Details?
Check out the quick connect Datasheets at [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at FMF-sales@nordsonmedical.com.
Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!

Part Drawings Online!
Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.
www.nordsonmedical.com

HOSE BARB COUPLINGS:
Male Valved Panel Mount

40 Series Reference Part: 40ACV-PB3-06

40ACV-PB3-04
LinkTech 40AC Series Panel Mount Male, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

40ACV-PB3-05
LinkTech 40AC Series Panel Mount Male, Valved, 5/16" Hose Barb, Natural Acetal, Buna-N O-ring

40ACV-PB3-06
LinkTech 40AC Series Panel Mount Male, Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

40CBV-PB3-04
LinkTech 40CB Series Panel Mount Male, Valved, 1/4" Hose Barb, Chrome Brass, Buna-N O-ring

40CBV-PB3-05
LinkTech 40CB Series Panel Mount Male, Valved, 5/16" Hose Barb, Chrome Brass, Buna-N O-ring

40CBV-PB3-06
LinkTech 40CB Series Panel Mount Male, Valved, 3/8" Hose Barb, Chrome Brass, Buna-N O-ring

40PPV-PB3-04
LinkTech 40PP Series Panel Mount Male, Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

40PPV-PB3-04MALD
LinkTech 40PP Series Panel Mount Male, Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

40PPV-PB3-06
LinkTech 40PP Series Panel Mount Male, Valved, 3/8" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

40PPV-PB3-06MALD
LinkTech 40PP Series Panel Mount Male, Valved, 3/8" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

60 Series Reference Part: 60PPV-PE3-08

60PPV-PE3-04
LinkTech 60PP Series Panel Mount Male, Valved, 1/4" Hose Barb, Polypropylene, EPDM O-ring

60PPV-PE3-06
LinkTech 60PP Series Panel Mount Male, Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring

60PPV-PE3-08
LinkTech 60PP Series Panel Mount Male, Valved, 1/2" Hose Barb, Polypropylene, EPDM O-ring

60PPV-PE3-12
LinkTech 60PP Series Panel Mount Male, Valved, 3/4" Hose Barb, Polypropylene, EPDM O-ring

60PSV-PE3-06
LinkTech 60PS Series Panel Mount Male, Valved, 3/8" Hose Barb, Polysulfone, EPDM O-ring

60PSV-PE3-06BLK
LinkTech 60PS Series Panel Mount Male, Valved, 3/8" Hose Barb, Molded Black Color, Polysulfone, EPDM O-ring

60PSV-PE3-08
LinkTech 60PS Series Panel Mount Male, Valved, 1/2" Hose Barb, Polysulfone, EPDM O-ring

60PSV-PE3-12
LinkTech 60PS Series Panel Mount Male, Valved, 3/4" Hose Barb, Polysulfone, EPDM O-ring

XQ Series Reference Part: XQCVM755

XQCVM755 (-1006-B)
XQ Series Male Valved Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 1/4" (6.4 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)

XQCVM770 (-1006-B)
XQ Series Male Valved Panel Mount Connector with 11/16-24 UNEF Thread, 700 Series Barb, 3/8" (9.5 mm) Tubing ID, Nickel-Plated Brass Hex Nut (included)
20 Series Reference Part: 20ACV-SB4-04

20ACV-SB4-02
LinkTech 20AC Series Elbow Female, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

20ACV-SB4-04
LinkTech 20AC Series Elbow Female, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

60 Series Reference Part: 60PPV-SE22-08

60PPV-SE22-06
LinkTech 60PP Series Panel Mount Elbow Female, Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring

60PPV-SE22-08
LinkTech 60PP Series Panel Mount Elbow Female, Valved, 1/2" Hose Barb, Polypropylene, EPDM O-ring

60PPV-SE22-08BLK
LinkTech 60PP Series Panel Mount Elbow Female, Valved, 1/2" Hose Barb, Molded Black Color, Polypropylene, EPDM O-ring

60PSV-SE22-06
LinkTech 60PS Series Panel Mount Elbow Female, Valved, 3/8" Hose Barb, Polysulfone, EPDM O-ring

60PSV-SE22-08
LinkTech 60PS Series Panel Mount Elbow Female, Valved, 1/2" Hose Barb, Polysulfone, EPDM O-ring

20 Series Reference Part: 20ACV-PB4-04

20ACV-PB4-02
LinkTech 20AC Series Elbow Male, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

20ACV-PB4-04
LinkTech 20AC Series Elbow Male, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

20CBV-PB4-02
LinkTech 20CB Series Elbow Male, Valved, 1/8" Hose Barb, Chrome Brass, Buna-N O-ring

20CBV-PB4-04
LinkTech 20CB Series Elbow Male, Valved, 1/4" Hose Barb, Chrome Brass, Buna-N O-ring

20PPV-PE4-02
LinkTech 20PP Series Elbow Male, Valved, 1/8" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

20PPV-PE4-02MALD
LinkTech 20PP Series Elbow Male, Valved, 1/8" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

20PPV-PE4-04
LinkTech 20PP Series Elbow Male, Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

20PPV-PE4-04MALD
LinkTech 20PP Series Elbow Male, Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

30 Series Reference Part: 30ACV-PB4-04

30ACV-PB4-02
LinkTech 30AC Series Elbow Male, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

30ACV-PB4-04
LinkTech 30AC Series Elbow Male, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring
HOSE BARB COUPLINGS:
Male Valved Elbow

40 Series Reference Part: 40ACV-PB4-06

40ACV-PB4-04
LinkTech 40AC Series Elbow Male, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

40ACV-PB4-06
LinkTech 40AC Series Elbow Male, Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

40CBV-PB4-04
LinkTech 40CB Series Elbow Male, Valved, 1/4" Hose Barb, Chrome Brass, Buna-N O-ring

40CBV-PB4-06
LinkTech 40CB Series Elbow Male, Valved, 3/8" Hose Barb, Chrome Brass, Buna-N O-ring

40PPV-PE4-04
LinkTech 40PP Series Elbow Male, Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

40PPV-PE4-04MALD
LinkTech 40PP Series Elbow Male, Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

40PPV-PE4-06
LinkTech 40PP Series Elbow Male, Valved, 3/8" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

40PPV-PE4-06MALD
LinkTech 40PP Series Elbow Male, Valved, 3/8" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

50 Series Reference Part: 50ACV-PB4-06

50ACV-PB4-04
LinkTech 50AC Series Elbow Male, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

50ACV-PB4-06
LinkTech 50AC Series Elbow Male, Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

50PPV-PE4-04
LinkTech 50PP Series Elbow Male, Valved, 1/4" Hose Barb, Polypropylene, EPDM O-ring

50PPV-PE4-06
LinkTech 50PP Series Elbow Male, Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring

60 Series Reference Part: 60PPV-PE4-08

60PPV-PE4-06
LinkTech 60PP Series Elbow Male, Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring

60PPV-PE4-08
LinkTech 60PP Series Elbow Male, Valved, 1/2" Hose Barb, Polypropylene, EPDM O-ring

60PPV-PE22-06
LinkTech 60PP Series Panel Mount Elbow Male, Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring

60PPV-PE22-08
LinkTech 60PP Series Panel Mount Elbow Male, Valved, 1/2" Hose Barb, Polypropylene, EPDM O-ring

60PSV-PE4-06
LinkTech 60PS Series Elbow Male, Valved, 3/8" Hose Barb, Polysulfone, EPDM O-ring

60PSV-PE4-08
LinkTech 60PS Series Elbow Male, Valved, 1/2" Hose Barb, Polysulfone, EPDM O-ring

60PSV-PE22-06
LinkTech 60PS Series Panel Mount Elbow Male, Valved, 3/8" Hose Barb, Polysulfone, EPDM O-ring

60PSV-PE22-08BLK
LinkTech 60PS Series Panel Mount Elbow Male, Valved, 1/2" Hose Barb, Molded Black Color, Polysulfone, EPDM O-ring

60PSV-PE22-08
LinkTech 60PS Series Panel Mount Elbow Male, Valved, 1/2" Hose Barb, Polypropylene, EPDM O-ring

60PSV-PE22-08BLK
LinkTech 60PS Series Panel Mount Elbow Male, Valved, 1/2" Hose Barb, Molded Black Color, Polypropylene, EPDM O-ring

XQ Series Reference Part: XQCVM755

XQCVM755 (-1006-B)
XQ Series Elbow Male Valved Connector, 700 Series Barbs, 1/4" (6.4 mm) Tubing ID
**HOSE BARB COUPLINGS:**

**Panel Mount Nut**

PM4N (Nickel-Plated Brass)
XQ Series 11/16-24 UNEF Panel Mount Nut

**Male and Female Sets**

**MQ Series Reference Part: MQCMF230**

- **MQCMF230-901**
  Bag of 50 Dual Latch Quick Connect Male and Female Sets, 200 Series Barb
  1/8" (3.2 mm) Tubing ID, Blue Female and White Male

- **MQCMF240-901**
  Bag of 50 Dual Latch Quick Connect Male and Female Sets, 200 Series Barb
  5/32" (4.0 mm) Tubing ID, Blue Female and White Male

- **MQCMF250-901**
  Bag of 50 Dual Latch Quick Connect Male and Female Sets, 200 Series Barb
  3/16" (4.8 mm) Tubing ID, Blue Female and White Male

**SBL Series Reference Part: SBLMFGB035-003**

- **SBLMFBG013 (-001)**
  Bag of 50 Side Latch Quick Connect Male and Female Sets, 500 Series Barb
  1/8" (3.2 mm) Tubing ID, Grey Male and Blue Female Nylon

- **SBLMFBG013 (-002)**
  Bag of 50 Side Latch Quick Connect Male and Female Sets, 500 Series Barb
  1/8" (3.2 mm) Tubing ID, Blue Male and Grey Female Nylon

- **SBLMFBG035 (-003)**
  Bag of 50 Side Latch Quick Connect Male and Female Sets, 500 Series Barb
  3/16" (4.8 mm) Tubing ID, Grey Male and Blue Female Nylon

- **SBLMFBG035 (-004)**
  Bag of 50 Side Latch Quick Connect Male and Female Sets, 500 Series Barb
  3/16" (4.8 mm) Tubing ID, Blue Male and Grey Female Nylon

**100 Series Reference Part: 100AC2-02**

- **100AC2-01**
  LinkTech 100AC Series Straight Coupling, Non-Valved, 1/16" Hose Barb,
  Acetal, Buna-N O-ring

- **100AC2-02**
  LinkTech 100AC Series Straight Coupling, Non-Valved, 1/8" Hose Barb,
  Acetal, Buna-N O-ring

- **100AC2-M3**
  LinkTech 100AC Series Straight Coupling, Non-Valved, 3 mm Hose Barb,
  Acetal, Buna-N O-ring

- **100ACV2-01**
  LinkTech 100AC Series Straight Coupling, Valved, 1/16" Hose Barb,
  Acetal, Buna-N O-ring

- **100ACV2-02**
  LinkTech 100AC Series Straight Coupling, Valved, 1/8" Hose Barb,
  Acetal, Buna-N O-ring

- **100ACV2-M3**
  LinkTech 100AC Series Straight Coupling, Valved, 3 mm Hose Barb,
  Acetal, Buna-N O-ring

- **100PP2-01**
  LinkTech 100PP Series Straight Coupling, Non-Valved, 1/16" Hose Barb,
  Polypropylene, EPDM O-ring

- **100PP2-02**
  LinkTech 100PP Series Straight Coupling, Non-Valved, 1/8" Hose Barb,
  Polypropylene, EPDM O-ring

- **100PP2-M3**
  LinkTech 100PP Series Straight Coupling, Non-Valved, 3 mm Hose Barb,
  Polypropylene, EPDM O-ring

\[\text{Part Drawings Online!}\]

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.  
www.nordsonmedical.com
HOSE BARB COUPLINGS:
Caps

RQ Series Reference Part: RQXFLC-9024

<table>
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<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>RQCFC (-9024 -001)</td>
<td>Female Cap</td>
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<tr>
<td>RQCFC (-6005 -001)</td>
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<tr>
<td>RQCFLC (-9024 -001)</td>
<td>Female Cap, Locking Feature</td>
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<tr>
<td>RQCFLC (-6005 -001)</td>
<td>Female Cap, Locking Feature</td>
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RQ Series Reference Part: RQXFC-9024

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RQ Series Reference Part: RQXFLC-9024

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<td>RQXFLC (-9024 -001)</td>
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<tr>
<td>RQXFLC (-6005 -001)</td>
<td>Female Cap, Locking Feature</td>
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PTF
Quick Connect Couplings

Nordson MEDICAL offers PTF (Ferrless Polytube Fitting) connectors in sizes ranging from 5/32” (4.0 mm) to 3/8” (9.5 mm) OD tubing in over 150 separate configurations in acetal, polypropylene and chrome brass, with other engineering resins available on special order. Available PTF fitting styles include straight connectors, elbow fittings, and panel mounts. These PTF connectors are for use with semi-rigid tubing such as polyethylene, nylon, polyurethane, polypropylene, etc.

PTF COUPLINGS:
Female Open Flow Straight

20 Series Reference Part: 20AC-S9-04

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>20AC-S9-025</td>
<td>LinkTech 20AC Series Straight Female, Non-Valved, 5/32” PTF, Natural Acetal</td>
</tr>
<tr>
<td>20AC-S9-04</td>
<td>LinkTech 20AC Series Straight Female, Non-Valved, 1/4” PTF, Natural Acetal</td>
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<td>20CB-S9-025</td>
<td>LinkTech 20CB Series Straight Female, Non-Valved, 5/32” PTF, Chrome Brass</td>
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<td>20CB-S9-04</td>
<td>LinkTech 20CB Series Straight Female, Non-Valved, 1/4” PTF, Chrome Brass</td>
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<td>20PP-S9-025</td>
<td>LinkTech 20PP Series Straight Female, Non-Valved, 5/32” PTF, Molded Grey Color, Polypropylene</td>
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<td>20PP-S9-04</td>
<td>LinkTech 20PP Series Straight Female, Non-Valved, 1/4” PTF, Molded Grey Color, Polypropylene</td>
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<tr>
<td>20PP-S9-04MALD</td>
<td>LinkTech 20PP Series Straight Female, Non-Valved, 1/4” PTF, Molded Almond Color, Polypropylene</td>
</tr>
</tbody>
</table>

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+1 (970) 267-5200  Toll Free: (888) 404-5837

Minimum order quantities may apply  •  Red Text = Special order items  •  Volume pricing may be available, quantities vary  •  Call for details!
PTF COUPLINGS:
Female Open Flow Straight

30 Series Reference Part: 30AC-S9-025

30AC-S9-025
LinkTech 30AC Series Straight Female, Non-Valved, 5/32" PTF, Natural Acetal

40 Series Reference Part: 40AC-S9-06

40AC-S9-04
LinkTech 40AC Series Straight Female, Non-Valved, 1/4" PTF, Natural Acetal

40AC-S9-06
LinkTech 40AC Series Straight Female, Non-Valved, 3/8" PTF, Natural Acetal

40CB-S9-04
LinkTech 40CB Series Straight Female, Non-Valved, 1/4" PTF, Chrome Brass

40CB-S9-06
LinkTech 40CB Series Straight Female, Non-Valved, 3/8" PTF, Chrome Brass

40PP-S9-06
LinkTech 40PP Series Straight Female, Non-Valved, 3/8" PTF, Molded Grey Color, Polypropylene

40PP-S9-06MALD
LinkTech 40PP Series Straight Female, Non-Valved, 3/8" PTF, Molded Almond Color, Polypropylene

LinkTech Line Part Number Guide

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<td>06 MALD</td>
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PTF COUPLINGS:
Male Open Flow Straight

50 Series Reference Part: 50AC-S9-06LB

50AC-S9-04LB
LinkTech 50AC Series Straight Female, Non-Valved, 1/4" PTF, Long Body, Natural Acetal

50AC-S9-06LB
LinkTech 50AC Series Straight Female, Non-Valved, 3/8" PTF, Long Body, Natural Acetal

50BAC-S9-06LB
LinkTech 50BAC Series Straight Female, Non-Valved, 3/8" PTF, Long Body, Natural Acetal

20 Series Reference Part: 20AC-PB9-04

20AC-PB9-025
LinkTech 20AC Series Straight Male, Non-Valved, 5/32" PTF, Natural Acetal, Buna-N O-ring

20AC-PB9-04
LinkTech 20AC Series Straight Male, Non-Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

20CB-PB9-025
LinkTech 20CB Series Straight Male, Non-Valved, 5/32" PTF, Chrome Brass, Buna-N O-ring

20CB-PB9-04
LinkTech 20CB Series Straight Male, Non-Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

20PPX-PB9-04
LinkTech 20PP Series Straight Male, Non-Valved, 1/4" PTF, Molded Grey Color, Polypropylene, EPDM O-ring

20PPX-PB9-04MALD
LinkTech 20PP Series Straight Male, Non-Valved, 1/4" PTF, Molded Almond Color, Polypropylene, EPDM O-ring
**PTF COUPLINGS: Male Open Flow Straight**

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<td>LinkTech 30AC Series Straight Male, 1/4&quot; PTF, Natural Acetal, Buna-N O-ring</td>
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<tr>
<td>LinkTech 40AC Series Straight Male, Non-Valved, 1/4&quot; PTF, Natural Acetal, Buna-N O-ring</td>
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<td><strong>40AC-PB9-06</strong></td>
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<tr>
<td>LinkTech 40AC Series Straight Male, Non-Valved, 3/8&quot; PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td><strong>40CB-PB9-04</strong></td>
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<tr>
<td>LinkTech 40CB Series Straight Male, Non-Valved, 1/4&quot; PTF, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td><strong>40CB-PB9-06</strong></td>
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<tr>
<td>LinkTech 40CB Series Straight Male, Non-Valved, 3/8&quot; PTF, Chrome Brass, Buna-N O-ring</td>
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<td><strong>40PPX-PE9-06</strong></td>
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<tr>
<td>LinkTech 40PP Series Straight Male, Non-Valved, 3/8&quot; PTF, Molded Grey Color, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td><strong>40PPX-PE9-06MALD</strong></td>
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<tr>
<td>LinkTech 40PP Series Straight Male, Non-Valved, 3/8&quot; PTF, Molded Almond Color, Polypropylene, EPDM O-ring</td>
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<tr>
<td>LinkTech 50AC Series Straight Male, Non-Valved, 1/4&quot; PTF, Natural Acetal, Buna-N O-ring</td>
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<td><strong>50AC-PB9-06</strong></td>
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<tr>
<td>LinkTech 50AC Series Straight Male, Non-Valved, 3/8&quot; PTF, Natural Acetal, Buna-N O-ring</td>
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**PTF COUPLINGS: Female Open Flow Panel Mount**

<table>
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<tr>
<th>Series Reference Part: 20AC-S8-04</th>
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<tbody>
<tr>
<td><strong>20AC-S8-025</strong></td>
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<tr>
<td>LinkTech 20AC Series Panel Mount Female, Non-Valved, 5/32&quot; PTF, Natural Acetal</td>
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<tr>
<td><strong>20AC-S8-025GS</strong></td>
</tr>
<tr>
<td>LinkTech 20AC Series Panel Mount Gasket Seal Female, Non-Valved, 5/32&quot; PTF, Natural Acetal</td>
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<tr>
<td><strong>20AC-S8-04</strong></td>
</tr>
<tr>
<td>LinkTech 20AC Series Panel Mount Female, Non-Valved, 1/4&quot; PTF, Natural Acetal</td>
</tr>
<tr>
<td><strong>20CB-S8-025</strong></td>
</tr>
<tr>
<td>LinkTech 20CB Series Panel Mount Female, Non-Valved, 5/32&quot; PTF, Chrome Brass</td>
</tr>
<tr>
<td><strong>20PP-S8-025</strong></td>
</tr>
<tr>
<td>LinkTech 20PP Series Panel Mount Female, Non-Valved, 5/32&quot; PTF, Molded Grey Color, Polypropylene</td>
</tr>
<tr>
<td><strong>20PP-S8-025MALD</strong></td>
</tr>
<tr>
<td>LinkTech 20PP Series Panel Mount Female, Non-Valved, 5/32&quot; PTF, Molded Almond Color, Polypropylene</td>
</tr>
<tr>
<td><strong>20PP-S8-04</strong></td>
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<tr>
<td>LinkTech 20PP Series Panel Mount Female, Non-Valved, 1/4&quot; PTF, Molded Grey Color, Polypropylene</td>
</tr>
<tr>
<td><strong>20PP-S8-04MALD</strong></td>
</tr>
<tr>
<td>LinkTech 20PP Series Panel Mount Female, Non-Valved, 1/4&quot; PTF, Molded Almond Color, Polypropylene</td>
</tr>
</tbody>
</table>

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[www.nordsonmedical.com](http://www.nordsonmedical.com)

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**Technical Assistance**

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(870) 267-5200**.
PTF COUPLINGS:
Female Open Flow Panel Mount

40 Series Reference Part: 40AC-S8-06

40AC-S8-04
LinkTech 40AC Series Panel Mount Female, Non-Valved, 1/4" PTF, Natural Acetal

40AC-S8-06
LinkTech 40AC Series Panel Mount Female, Non-Valved, 3/8" PTF, Natural Acetal

40CB-S8-04
LinkTech 40CB Series Panel Mount Female, Non-Valved, 1/4" PTF, Chrome Brass

40CB-S8-06
LinkTech 40CB Series Panel Mount Female, Non-Valved, 3/8" PTF, Chrome Brass

40PP-S8-06
LinkTech 40PP Series Panel Mount Female, Non-Valved, 3/8" PTF, Molded Grey Color, Polypropylene

50 Series Reference Part: 50AC-S8-06

50AC-S8-04
LinkTech 50AC Series Panel Mount Female, Non-Valved, 1/4" PTF, Natural Acetal

50AC-S8-06
LinkTech 50AC Series Panel Mount Female, Non-Valved, 3/8" PTF, Natural Acetal

50BAC-S8-04
LinkTech 50BAC Series Panel Mount Female, Non-Valved, 1/4" PTF, Natural Acetal

50BAC-S8-06
LinkTech 50BAC Series Panel Mount Female, Non-Valved, 3/8" PTF, Natural Acetal

PTF COUPLINGS:
Male Open Flow Panel Mount

20 Series Reference Part: 20AC-PB8-04

20AC-PB8-04
LinkTech 20AC Series Panel Mount Male, Non-Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

20CB-PB8-025
LinkTech 20CB Series Panel Mount Male, Non-Valved, 5/32" PTF, Chrome Brass, Buna-N O-ring

20CB-PB8-04
LinkTech 20CB Series Panel Mount Male, Non-Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

20 Series Reference Part: 20AC-PB8-06

40 AC-PB8-04
LinkTech 40AC Series Panel Mount Male, Non-Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

40AC-PB8-06
LinkTech 40AC Series Panel Mount Male, Non-Valved, 3/8" PTF, Natural Acetal, Buna-N O-ring

40CB-PB8-04
LinkTech 40CB Series Panel Mount Male, Non-Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

40CB-PB8-06
LinkTech 40CB Series Panel Mount Male, Non-Valved, 3/8" PTF, Chrome Brass, Buna-N O-ring

PTF COUPLINGS:
Female Open Flow Elbow

50AC-S8-04
LinkTech 50AC Series Panel Mount Female, Non-Valved, 1/4" PTF, Natural Acetal

50BAC-S8-04
LinkTech 50BAC Series Panel Mount Female, Non-Valved, 1/4" PTF, Natural Acetal

50BAC-S8-06
LinkTech 50BAC Series Panel Mount Female, Non-Valved, 3/8" PTF, Natural Acetal

50AC-S8-06
LinkTech 50AC Series Panel Mount Female, Non-Valved, 3/8" PTF, Natural Acetal

50BAC-S8-06
LinkTech 50BAC Series Panel Mount Female, Non-Valved, 3/8" PTF, Natural Acetal

50BAC-S8-08
LinkTech 50BAC Series Panel Mount Female, Non-Valved, 3/8" PTF, Natural Acetal
PTF COUPLINGS:
Male Open Flow Elbow

20 Series Reference Part: 20AC-PB10-04

20AC-PB10-025
LinkTech 20AC Series Elbow Male, Non-Valved, 5/32" PTF,
Natural Acetal, Buna-N O-ring

20AC-PB10-04
LinkTech 20AC Series Elbow Male, Non-Valved, 1/4" PTF,
Natural Acetal, Buna-N O-ring

20CB-PB10-04
LinkTech 20CB Series Elbow Male, Non-Valved, 1/4" PTF,
Chrome Brass, Buna-N O-ring

20PPX-PB10-04
LinkTech 20PP Series Elbow Male, Non-Valved, 1/4" PTF,
Molded Grey Color, Polypropylene, EPDM O-ring

20PPX-PB10-04MALD
LinkTech 20PP Series Elbow Male, Non-Valved, 1/4" PTF,
Molded Almond Color, Polypropylene, EPDM O-ring

30 Series Reference Part: 30ACX-PB10-04

30ACX-PB10-04
LinkTech 30AC Series Elbow Male, Non-Valved, 1/4" PTF,
Natural Acetal, Buna-N O-ring

40 Series Reference Part: 40AC-PB10-06

40AC-PB10-06
LinkTech 40AC Series Elbow Male, Non-Valved, 3/8" PTF,
Natural Acetal, Buna-N O-ring

40ACX-PB10-04
LinkTech 40AC Series Elbow Male, Non-Valved, 1/4" PTF,
Natural Acetal, Buna-N O-ring

40CB-PB10-04
LinkTech 40CB Series Elbow Male, Non-Valved, 1/4" PTF,
Chrome Brass, Buna-N O-ring

PTF COUPLINGS:
Female Valved Straight

20 Series Reference Part: 20ACV-SB9-04

20ACV-SB9-025
LinkTech 20AC Series Straight Female, Valved, 5/32" PTF,
Natural Acetal, Buna-N O-ring

20ACV-SB9-04
LinkTech 20AC Series Straight Female, Valved, 1/4" PTF,
Natural Acetal, Buna-N O-ring

20CBV-SB9-025
LinkTech 20CB Series Straight Female, Valved, 5/32" PTF,
Chrome Brass, Buna-N O-ring

20CBV-SB9-04
LinkTech 20CB Series Straight Female, Valved, 1/4" PTF,
Chrome Brass, Buna-N O-ring

20PPV-SE9-025MALD
LinkTech 20PP Series Straight Female, Valved, 5/32" PTF,
Molded Almond Color, Polypropylene, EPDM O-ring

20PPV-SE9-04
LinkTech 20PP Series Straight Female, Valved, 1/4" PTF,
Molded Grey Color, Polypropylene, EPDM O-ring

20PPV-SE9-04MALD
LinkTech 20PP Series Straight Female, Valved, 1/4" PTF,
Molded Almond Color, Polypropylene, EPDM O-ring

30 Series Reference Part: 30ACV-SB9-04

30ACV-SB9-025
LinkTech 30AC Series Straight Female, Valved, 5/32" PTF,
Natural Acetal, Buna-N O-ring

30ACV-SB9-04
LinkTech 30AC Series Straight Female, Valved, 1/4" PTF,
Natural Acetal, Buna-N O-ring

Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
### 20 Series Reference Part: 20ACV-PB9-04

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
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<td>LinkTech 20AC Series Straight Male, Valved, 5/32&quot; PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20ACV-PB9-04</td>
<td>LinkTech 20AC Series Straight Male, Valved, 1/4&quot; PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20CBV-PB9-025</td>
<td>LinkTech 20CB Series Straight Male, Valved, 5/32&quot; PTF, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>20CBV-PB9-04</td>
<td>LinkTech 20CB Series Straight Male, Valved, 1/4&quot; PTF, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>20PPV-PE9-04</td>
<td>LinkTech 20PP Series Straight Male, Valved, 1/4&quot; PTF, Molded Grey Color, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td>20PPV-PE9-04MALD</td>
<td>LinkTech 20PP Series Straight Male, Valved, 1/4&quot; PTF, Molded Almond Color, Polypropylene, EPDM O-ring</td>
</tr>
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### 30 Series Reference Part: 30ACV-PB9-04

<table>
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<tbody>
<tr>
<td>30ACV-PB9-025</td>
<td>LinkTech 30AC Series Straight Male, Valved, 5/32&quot; PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>30ACV-PB9-04</td>
<td>LinkTech 30AC Series Straight Male, Valved, 1/4&quot; PTF, Natural Acetal, Buna-N O-ring</td>
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### 40 Series Reference Parts

<table>
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<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>40ACV-SB9-06</td>
<td>LinkTech 40AC Series Straight Female, Valved, 1/4&quot; PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>40CBV-SB9-06</td>
<td>LinkTech 40CB Series Straight Female, Valved, 1/4&quot; PTF, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>40PPV-SE9-06</td>
<td>LinkTech 40PP Series Straight Female, Valved, 3/8&quot; PTF, Molded Grey Color, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td>40PPV-SE9-06MALD</td>
<td>LinkTech 40PP Series Straight Female, Valved, 3/8&quot; PTF, Molded Almond Color, Polypropylene, EPDM O-ring</td>
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### 50 Series Reference Part: 50ACV-SB9-06

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>50ACV-SB9-04</td>
<td>LinkTech 50AC Series Straight Female, Valved, 1/4&quot; PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>50ACV-SB9-06</td>
<td>LinkTech 50AC Series Straight Female, Valved, 3/8&quot; PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
</tbody>
</table>

### Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.

www.nordsonmedical.com
PTF COUPLINGS: Male Valved Straight

**40 Series Reference Part: 40ACV-PB9-06**

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>40ACV-PB9-04</td>
<td>LinkTech 40AC Series Straight Male, Valved, 1/4” PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>40ACV-PB9-06</td>
<td>LinkTech 40AC Series Straight Male, Valved, 3/8” PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>40CBV-PB9-04</td>
<td>LinkTech 40CB Series Straight Male, Valved, 1/4” PTF, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>40CBV-PB9-06</td>
<td>LinkTech 40CB Series Straight Male, Valved, 3/8” PTF, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>40PPV-PE9-06</td>
<td>LinkTech 40PP Series Straight Male, Valved, 3/8” PTF, Molded Grey Color, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td>40PPV-PE9-06MALD</td>
<td>LinkTech 40PP Series Straight Male, Valved, 3/8” PTF, Molded Almond Color, Polypropylene, EPDM O-ring</td>
</tr>
</tbody>
</table>

PTF COUPLINGS: Female Valved Panel Mount

**20 Series Reference Part: 20ACV-SB8-04**

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20ACV-SB8-025</td>
<td>LinkTech 20AC Series Panel Mount Female, Valved, 5/32” PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20ACV-SB8-04</td>
<td>LinkTech 20AC Series Panel Mount Female, Valved, 1/4” PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20ACV-SB8-04GS</td>
<td>LinkTech 20AC Series Panel Mount Gasket Seal Female, Valved, 1/4” PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20CBV-SB8-025</td>
<td>LinkTech 20CB Series Panel Mount Female, Valved, 5/32” PTF, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>20CBV-SB8-04</td>
<td>LinkTech 20CB Series Panel Mount Female, Valved, 1/4” PTF, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>20PPV-SE8-025MALD</td>
<td>LinkTech 20PP Series Panel Mount Female, Valved, 5/32” PTF, Molded Almond Color, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td>20PPV-SE8-04</td>
<td>LinkTech 20PP Series Panel Mount Female, Valved, 1/4” PTF, Molded Grey Color, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td>20PPV-SE8-04MALD</td>
<td>LinkTech 20PP Series Panel Mount Female, Valved, 1/4” PTF, Molded Almond Color, Polypropylene, EPDM O-ring</td>
</tr>
</tbody>
</table>

**50 Series Reference Part: 50ACV-PB9-06**

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>50ACV-PB9-04</td>
<td>LinkTech 50AC Series Straight Male, Valved, 1/4” PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>50ACV-PB9-06</td>
<td>LinkTech 50AC Series Straight Male, Valved, 3/8” PTF, Natural Acetal, Buna-N O-ring</td>
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**30 Series Reference Part: 30ACV-SB8-04**

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30ACV-SB8-04</td>
<td>LinkTech 30AC Series Panel Mount Female, Valved, 1/4” PTF, Natural Acetal, Buna-N O-ring</td>
</tr>
</tbody>
</table>

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**Custom Assembly**

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

**PTF COUPLINGS:**

**Male Valved Panel Mount**

- **20 Series Reference Part: 20ACV-PB8-04**
  - LinkTech 20AC Series Panel Mount Male, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

- **20CBV-PB8-025**
  - LinkTech 20CB Series Panel Mount Male, Valved, 5/32" PTF, Chrome Brass, Buna-N O-ring

- **20CBV-PB8-04**
  - LinkTech 20CB Series Panel Mount Male, Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

**PTF COUPLINGS:**

**Female Valved Panel Mount**

- **40 Series Reference Part: 40ACV-SB8-06**
  - LinkTech 40AC Series Panel Mount Female, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

- **50 Series Reference Part: 50ACV-SB8-06**
  - LinkTech 50AC Series Panel Mount Female, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

- **40ACV-PB8-04**
  - LinkTech 40AC Series Panel Mount Male, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

- **40ACV-PB8-06**
  - LinkTech 40AC Series Panel Mount Male, Valved, 3/8" PTF, Natural Acetal, Buna-N O-ring

- **40CBV-PB8-04**
  - LinkTech 40CB Series Panel Mount Male, Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

- **40CBV-PB8-06**
  - LinkTech 40CB Series Panel Mount Male, Valved, 3/8" PTF, Chrome Brass, Buna-N O-ring

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**PTF COUPLINGS:**

**Male Valved Panel Mount**

- **20 Series Reference Part: 20ACV-PB8-04**
  - LinkTech 20AC Series Panel Mount Male, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

- **20CBV-PB8-025**
  - LinkTech 20CB Series Panel Mount Male, Valved, 5/32" PTF, Chrome Brass, Buna-N O-ring

- **20CBV-PB8-04**
  - LinkTech 20CB Series Panel Mount Male, Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

**PTF COUPLINGS:**

**Female Valved Panel Mount**

- **40 Series Reference Part: 40ACV-SB8-06**
  - LinkTech 40AC Series Panel Mount Female, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

- **50 Series Reference Part: 50ACV-SB8-06**
  - LinkTech 50AC Series Panel Mount Female, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

- **40ACV-PB8-04**
  - LinkTech 40AC Series Panel Mount Male, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

- **40ACV-PB8-06**
  - LinkTech 40AC Series Panel Mount Male, Valved, 3/8" PTF, Natural Acetal, Buna-N O-ring

- **40CBV-PB8-04**
  - LinkTech 40CB Series Panel Mount Male, Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

- **40CBV-PB8-06**
  - LinkTech 40CB Series Panel Mount Male, Valved, 3/8" PTF, Chrome Brass, Buna-N O-ring
PTF COUPLINGS:
Female Valved Elbow

20 Series Reference Part: 20ACV-SB10-04

20ACV-SB10-04
LinkTech 20AC Series Elbow Female, Valved, 1/4” PTF,
Natural Acetal, Buna-N O-ring

PTF COUPLINGS:
Male Valved Elbow

20 Series Reference Part: 20ACV-PB10-04

20ACV-PB10-04
LinkTech 20AC Series Elbow Male, Valved, 1/4” PTF,
Natural Acetal, Buna-N O-ring

20ACV-PB10-025
LinkTech 20AC Series Elbow Male, Valved, 5/32” PTF,
Natural Acetal, Buna-N O-ring

20CBV-PB10-04
LinkTech 20CB Series Elbow Male, Valved, 1/4” PTF,
Chrome Brass, Buna-N O-ring

20PPV-PE10-04
LinkTech 20PP Series Elbow Male, Valved, 1/4” PTF,
Molded Grey Color, Polypropylene, EPDM O-ring

20PPV-PE10-04MALD
LinkTech 20PP Series Elbow Male, Valved, 1/4” PTF,
Molded Almond Color, Polypropylene, EPDM O-ring

30 Series Reference Part: 30ACV-PB10-04

30ACV-PB10-04
LinkTech 30AC Series Elbow Male, Valved, 1/4” PTF,
Natural Acetal, Buna-N O-ring

40 Series Reference Part: 40ACV-PB10-06

40ACV-PB10-04
LinkTech 40AC Series Elbow Male, Valved, 1/4” PTF,
Natural Acetal, Buna-N O-ring

40ACV-PB10-06
LinkTech 40AC Series Elbow Male, Valved, 3/8” PTF,
Natural Acetal, Buna-N O-ring

40CBV-PB10-04
LinkTech 40CB Series Elbow Male, Valved, 1/4” PTF,
Chrome Brass, Buna-N O-ring

40CBV-PB10-06
LinkTech 40CB Series Elbow Male, Valved, 3/8” PTF,
Chrome Brass, Buna-N O-ring

40PPV-PE10-06MALD
LinkTech 40PP Series Elbow Male, Valved, 3/8” PTF,
Molded Almond Color, Polypropylene, EPDM O-ring

50 Series Reference Part: 50ACV-PB10-06

50ACV-PB10-04
LinkTech 50AC Series Elbow Male, Valved, 1/4” PTF,
Natural Acetal, Buna-N O-ring

50ACV-PB10-06
LinkTech 50AC Series Elbow Male, Valved, 3/8” PTF,
Natural Acetal, Buna-N O-ring

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Minimum order quantities may apply  •  Red Text = Special order items  •  Volume pricing may be available, quantities vary  •  Call for details!
PUSH-IN
Quick Connect Couplings

Nordson MEDICAL offers push-in connectors in 1/4” OD tubing sizes and 14 separate configurations in an acetal (POM) material, with other engineering resins available on special order. Available push-in fitting styles include straight connectors and panel mount configurations. These push-in connectors are for use with semi-rigid tubing such as polyethylene, nylon, polyurethane, polypropylene, etc. Simply push tube in for connection. No compression nut required.

PUSH-IN COUPLINGS:
Female Open Flow Straight

40AC-S17-04
LinkTech 40AC Series Straight Female, Non-Valved, 1/4” OD Push-In, Natural Acetal

50AC-S17-04
LinkTech 50AC Series Straight Female, Non-Valved, 1/4” OD Push-In, Natural Acetal

PUSH-IN COUPLINGS:
Male Open Flow Straight

40AC-P17-04
LinkTech 40AC Series Straight Male, Non-Valved, 1/4” OD Push-In, Natural Acetal, Buna-N O-ring

50AC-P17-04
LinkTech 50AC Series Straight Male, Non-Valved, 1/4” OD Push-In, Natural Acetal, Buna-N O-ring

PUSH-IN COUPLINGS:
Female Open Flow Panel Mount

40AC-S18-04
LinkTech 40AC Series Panel Mount Female, Non-Valved, 1/4” OD Push-In, Natural Acetal

50AC-S18-04
LinkTech 50AC Series Panel Mount Female, Non-Valved, 1/4” OD Push-In, Natural Acetal

50AC-P17-04
LinkTech 50AC Series Panel Mount Male, Non-Valved, 1/4” OD Push-In, Natural Acetal

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**PUSH-IN COUPLINGS:**

**Male Open Flow Panel Mount**

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<tr>
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<tbody>
<tr>
<td>40AC-PB18-04</td>
<td>LinkTech 40AC Series Panel Mount Male, Non-Valved, 1/4&quot; OD Push-In, Natural Acetal, Buna-N O-ring</td>
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**Female Valved Panel Mount**

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<tbody>
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<td>40ACV-SB18-04</td>
<td>LinkTech 40AC Series Panel Mount Female, Valved, 1/4&quot; OD Push-In, Natural Acetal, Buna-N O-ring</td>
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</table>

**Female Valved Straight**

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<td>LinkTech 40AC Series Straight Female, Valved, 1/4&quot; OD Push-In, Natural Acetal, Buna-N O-ring</td>
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**Male Valved Panel Mount**

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</tr>
</thead>
<tbody>
<tr>
<td>40ACV-PB18-04</td>
<td>LinkTech 40AC Series Panel Mount Male, Valved, 1/4&quot; OD Push-In, Natural Acetal, Buna-N O-ring</td>
</tr>
</tbody>
</table>

**Male Valved Straight**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40ACV-PB17-04</td>
<td>LinkTech 40AC Series Straight Male, Valved, 1/4&quot; OD Push-In, Natural Acetal, Buna-N O-ring</td>
</tr>
</tbody>
</table>

**50ACV-PB17-04**

LinkTech 50AC Series Straight Male, Valved, 1/4" OD Push-In, Natural Acetal, Buna-N O-ring

**50ACV-SB18-04**

LinkTech 50AC Series Panel Mount Female, Valved, 1/4" OD Push-In, Natural Acetal, Buna-N O-ring

Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
Nordson MEDICAL offers threaded connectors in sizes ranging from 1/8" to 3/4" in over 180 separate configurations in acetal, polypropylene, chrome brass, polysulfone and glass-filled polypropylene, with other engineering resins available on special order. Available threaded fitting styles include straight connectors and panel mount configurations. These threaded connectors are available in male or female, tapered and straight, NPT, BSPP, BSPT and SAE. Contact Nordson MEDICAL for non-standard thread requirements.

### THREADED COUPLINGS:
#### Female Open Flow Straight

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20AC-S1-02</td>
<td>LinkTech 20AC Series Male Thread Female, Non-Valved, 1/8&quot; MNPT, Natural Acetal</td>
</tr>
<tr>
<td>20AC-S1-02BSPT</td>
<td>LinkTech 20AC Series Male Thread Female, Non-Valved, 1/8&quot; BSPT, Natural Acetal</td>
</tr>
<tr>
<td>20AC-S1-04</td>
<td>LinkTech 20AC Series Male Thread Female, Non-Valved, 1/4&quot; MNPT, Natural Acetal</td>
</tr>
<tr>
<td>20AC-S1-04BSPT</td>
<td>LinkTech 20AC Series Male Thread Female, Non-Valved, 1/4&quot; BSPT, Natural Acetal</td>
</tr>
<tr>
<td>20CB-S1-02</td>
<td>LinkTech 20CB Series Male Thread Female, Non-Valved, 1/8&quot; MNPT, Chrome Brass</td>
</tr>
<tr>
<td>20CB-S1-02BSPT</td>
<td>LinkTech 20CB Series Male Thread Female, Non-Valved, 1/8&quot; BSPT, Chrome Brass</td>
</tr>
<tr>
<td>20CB-S1-04</td>
<td>LinkTech 20CB Series Male Thread Female, Non-Valved, 1/4&quot; MNPT, Chrome Brass</td>
</tr>
<tr>
<td>20CB-S1-04BSPT</td>
<td>LinkTech 20CB Series Male Thread Female, Non-Valved, 1/4&quot; BSPT, Chrome Brass</td>
</tr>
<tr>
<td>20PP-S1-02</td>
<td>LinkTech 20PP Series Male Thread Female, Non-Valved, 1/8&quot; NPT, Molded Grey Color, Polypropylene</td>
</tr>
<tr>
<td>20PP-S1-02MALD</td>
<td>LinkTech 20PP Series Male Thread Female, Non-Valved, 1/8&quot; NPT, Molded Almond Color, Polypropylene</td>
</tr>
<tr>
<td>20PP-S1-04</td>
<td>LinkTech 20PP Series Male Thread Female, Non-Valved, 1/4&quot; NPT, Molded Grey Color, Polypropylene</td>
</tr>
<tr>
<td>20PP-S1-04MALD</td>
<td>LinkTech 20PP Series Male Thread Female, Non-Valved, 1/4&quot; NPT, Molded Almond Color, Polypropylene</td>
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### 30 Series Reference Part: 30AC-S1-02

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<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>30AC-S1-02</td>
<td>LinkTech 30AC Series Male Thread Female, Non-Valved, 1/8&quot; MNPT, Natural Acetal</td>
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### 40 Series Reference Part: 40AC-S1-04

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>40AC-S1-04</td>
<td>LinkTech 40AC Series Male Thread Female, Non-Valved, 1/4&quot; MNPT, Natural Acetal</td>
</tr>
<tr>
<td>40AC-S1-04BSPT</td>
<td>LinkTech 40AC Series Male Thread Female, Non-Valved, 1/4&quot; BSPT, Natural Acetal</td>
</tr>
<tr>
<td>40AC-S1-06</td>
<td>LinkTech 40AC Series Male Thread Female, Non-Valved, 3/8&quot; MNPT, Natural Acetal</td>
</tr>
<tr>
<td>40AC-S1-06BSPT</td>
<td>LinkTech 40AC Series Male Thread Female, Non-Valved, 3/8&quot; BSPT, Natural Acetal</td>
</tr>
<tr>
<td>40CB-S1-04</td>
<td>LinkTech 40CB Series Male Thread Female, Non-Valved, 1/4&quot; MNPT, Chrome Brass</td>
</tr>
<tr>
<td>40CB-S1-04BSPT</td>
<td>LinkTech 40CB Series Male Thread Female, Non-Valved, 1/4&quot; BSPT, Chrome Brass</td>
</tr>
<tr>
<td>40CB-S1-06</td>
<td>LinkTech 40CB Series Male Thread Female, Non-Valved, 3/8&quot; MNPT, Chrome Brass</td>
</tr>
<tr>
<td>40CB-S1-06BSPT</td>
<td>LinkTech 40CB Series Male Thread Female, Non-Valved, 3/8&quot; BSPT, Chrome Brass</td>
</tr>
</tbody>
</table>
## Threaded Couplings
### Female Open Flow Straight

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>40CB-S13-04</td>
<td>LinkTech 40CB Series Straight Female, Non-Valved, Female Thread 1/4” FNPT, Chrome Brass</td>
</tr>
<tr>
<td>40CB-S35271</td>
<td>LinkTech 40CB Series Compact Female Connector, Valved, M24 X 1 Male Sink Thread with NBR Gasket, Chrome Brass</td>
</tr>
<tr>
<td>40CB-S3557</td>
<td>LinkTech 40CB Series Female Connector, Non-Valved, 15/16-27 Male Sink Thread with NBR Gasket, Chrome Brass</td>
</tr>
<tr>
<td>40CB-S3559</td>
<td>LinkTech 40CB Series Female Connector, Non-Valved, 55/64-27 Female Sink Thread with NBR Gasket, Chrome Brass</td>
</tr>
<tr>
<td>40CB-S3562</td>
<td>LinkTech 40CB Series Female Connector, Non-Valved, M24 X 1 Male Sink Thread with NBR Gasket, Chrome Brass</td>
</tr>
<tr>
<td>40CB-S3564</td>
<td>LinkTech 40CB Series Female Connector, Non-Valved, M22 X 1 Female Sink Thread with NBR Gasket, Chrome Brass</td>
</tr>
<tr>
<td>40PP-S1-04</td>
<td>LinkTech 40PP Series Male Thread Female, Non-Valved, 1/4” NPT, Molded Grey Color, Polypropylene</td>
</tr>
<tr>
<td>40PP-S1-04MALD</td>
<td>LinkTech 40PP Series Male Thread Female, Non-Valved, 1/4” NPT, Molded Almond Color, Polypropylene</td>
</tr>
<tr>
<td>40PP-S1-06</td>
<td>LinkTech 40PP Series Male Thread Female, Non-Valved, 3/8” NPT, Molded Grey Color, Polypropylene</td>
</tr>
<tr>
<td>40PP-S1-06MALD</td>
<td>LinkTech 40PP Series Male Thread Female, Non-Valved, 3/8” NPT, Molded Almond Color, Polypropylene</td>
</tr>
<tr>
<td>50AC-S1-04</td>
<td>LinkTech 50AC Series Male Thread Female, Non-Valved, 1/4” MNPT, Natural Acetal</td>
</tr>
<tr>
<td>50AC-S1-06</td>
<td>LinkTech 50AC Series Male Thread Female, Non-Valved, 3/8” MNPT, Natural Acetal</td>
</tr>
<tr>
<td>50AC-S35107</td>
<td>LinkTech 50AC Series Male Thread Female, Non-Valved, 1/4” MNPT with Latch Guard, Natural Acetal</td>
</tr>
<tr>
<td>50BAC-S1-04</td>
<td>LinkTech 50BAC Series Male Thread Female, Non-Valved, 1/4” MNPT, Natural Acetal</td>
</tr>
<tr>
<td>50GP-S1-04</td>
<td>LinkTech 50GP Series Male Thread Female, Non-Valved, 1/4” MNPT, Glass-Filled Polypropylene</td>
</tr>
</tbody>
</table>

### 60 Series Reference Part: 60PP-S1-08

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>60PP-S1-06</td>
<td>LinkTech 60PP Series Male Thread Female, Non-Valved, 3/8” MNPT, Polypropylene</td>
</tr>
<tr>
<td>60PP-S1-08</td>
<td>LinkTech 60PP Series Male Thread Female, Non-Valved, 1/2” MNPT, Polypropylene</td>
</tr>
<tr>
<td>60PP-S1-08BLK</td>
<td>LinkTech 60PP Series Male Thread Female, Non-Valved, 1/2” MNPT, Molded Black Color, Polypropylene</td>
</tr>
<tr>
<td>60PP-S1-12</td>
<td>LinkTech 60PP Series Male Thread Female, Non-Valved, 3/4” MNPT, Polypropylene</td>
</tr>
<tr>
<td>60PP-S1-12BLK</td>
<td>LinkTech 60PP Series Male Thread Female, Non-Valved, 3/4” MNPT, Molded Black Color, Polypropylene</td>
</tr>
<tr>
<td>60PS-S1-06</td>
<td>LinkTech 60PS Series Male Thread Female, Non-Valved, 3/8” MNPT, Polysulfone</td>
</tr>
<tr>
<td>60PS-S1-06BLK</td>
<td>LinkTech 60PS Series Male Thread Female, Non-Valved, 3/8” MNPT, Molded Black Color, Polysulfone</td>
</tr>
<tr>
<td>60PS-S1-08</td>
<td>LinkTech 60PS Series Male Thread Female, Non-Valved, 1/2” MNPT, Polysulfone</td>
</tr>
<tr>
<td>60PS-S1-08BLK</td>
<td>LinkTech 60PS Series Male Thread Female, Non-Valved, 1/2” MNPT, Molded Black Color, Polysulfone</td>
</tr>
</tbody>
</table>

### 50 Series Reference Part: 50AC-S1-04

### 65 Series Reference Part: 65PS-S1-08

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>65PS-S1-08</td>
<td>LinkTech 65PS Series Male Thread Female, Non-Valved, 1/2” MNPT, Polysulfone</td>
</tr>
</tbody>
</table>
THREADING COUPLINGS:
Male Open Flow Straight

**20 Series Reference Part: 20AC-PB1-04**

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>20AC-PB1-02</td>
<td>LinkTech 20AC Series Male Thread Male, Non-Valved, 1/8&quot; MNPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20AC-PB1-02BSPT</td>
<td>LinkTech 20AC Series Male Thread Male, Non-Valved, 1/8&quot; BSPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20AC-PB1-04</td>
<td>LinkTech 20AC Series Male Thread Male, Non-Valved, 1/4&quot; MNPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20AC-PB1-04BSPT</td>
<td>LinkTech 20AC Series Male Thread Male, Non-Valved, 1/4&quot; BSPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20CB-PB1-02</td>
<td>LinkTech 20CB Series Male Thread Male, Non-Valved, 1/8&quot; MNPT, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>20CB-PB1-02BSPT</td>
<td>LinkTech 20CB Series Male Thread Male, Non-Valved, 1/8&quot; BSPT, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>20CB-PB1-04</td>
<td>LinkTech 20CB Series Male Thread Male, Non-Valved, 1/4&quot; MNPT, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>20CB-PB1-04BSPT</td>
<td>LinkTech 20CB Series Male Thread Male, Non-Valved, 1/4&quot; BSPT, Chrome Brass, Buna-N O-ring</td>
</tr>
</tbody>
</table>

**30 Series Reference Part: 30ACX-PB1-02**

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30ACX-PB1-02</td>
<td>LinkTech 30AC Series Male Thread Male, Non-Valved, 1/8&quot; MNPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>30ACX-PB1-02BSPT</td>
<td>LinkTech 30AC Series Male Thread Male, Non-Valved, 1/8&quot; BSPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>30ACX-PB1-04</td>
<td>LinkTech 30AC Series Male Thread Male, Non-Valved, 1/4&quot; MNPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>30ACX-PB1-04BSPT</td>
<td>LinkTech 30AC Series Male Thread Male, Non-Valved, 1/4&quot; BSPT, Natural Acetal, Buna-N O-ring</td>
</tr>
</tbody>
</table>

**40 Series Reference Part: 40AC-PB1-04**

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40AC-PB1-04</td>
<td>LinkTech 40AC Series Male Thread Male, Non-Valved, 1/4&quot; MNPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>40AC-PB1-04BSPT</td>
<td>LinkTech 40AC Series Male Thread Male, Non-Valved, 1/4&quot; BSPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>40AC-PB1-06</td>
<td>LinkTech 40AC Series Male Thread Male, Non-Valved, 3/8&quot; MNPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>40AC-PB1-06BSPT</td>
<td>LinkTech 40AC Series Male Thread Male, Non-Valved, 3/8&quot; BSPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>40CB-PB1-04</td>
<td>LinkTech 40CB Series Male Thread Male, Non-Valved, 1/4&quot; MNPT, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>40CB-PB1-04BSPT</td>
<td>LinkTech 40CB Series Male Thread Male, Non-Valved, 1/4&quot; BSPT, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>40CB-PB1-06</td>
<td>LinkTech 40CB Series Male Thread Male, Non-Valved, 3/8&quot; MNPT, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>40CB-PB1-06BSPT</td>
<td>LinkTech 40CB Series Male Thread Male, Non-Valved, 3/8&quot; BSPT, Chrome Brass, Buna-N O-ring</td>
</tr>
</tbody>
</table>
### Technical Assistance

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(970) 267-5200.**

### Did You Know?

Nordson MEDICAL has an interactive PDF available online at [www.nordsonmedical.com](http://www.nordsonmedical.com). Access part drawings, reference charts, data sheets, and more from just one location!
THREADED COUPLINGS:
Female Open Flow Panel Mount

20 Series Reference Part: 20CB-S19-1032

20AC-S19-1032
LinkTech 20AC Series Panel Mount Female, Female Thread, Non-Valved, 10/32", Natural Acetal

20CB-S12-02
LinkTech 20CB Series Panel Mount Female, Male Thread, Non-Valved, 1/8" MNPT, Chrome Brass

20CB-S19-1032
LinkTech 20CB Series Panel Mount Female, Female Thread, Non-Valved, 10/32", Chrome Brass

30 Series Reference Part: 30AC-S19-1032

30AC-S19-1032
LinkTech 30AC Series Panel Mount Female, Female Thread, Non-Valved, 10/32", Natural Acetal

40 Series Reference Part: 40CB-S12-04

40CB-S12-04
LinkTech 40CB Series Panel Mount Female, Male Thread, Non-Valved, 1/4" MNPT, Chrome Brass

THREADED COUPLINGS:
Female Valved Straight

20 Series Reference Part: 20ACV-SB1-04

20ACV-SB1-02
LinkTech 20AC Series Male Thread Female, Valved, 1/8" MNPT, Natural Acetal, Buna-N O-ring

20ACV-SB1-02BSPT
LinkTech 20AC Series Male Thread Female, Valved, 1/8" BSPT, Natural Acetal, Buna-N O-ring

20ACV-SB1-02UT
LinkTech 20AC Series Male Thread Female, Valved, 1/8" Universal Thread, Natural Acetal, Buna-N O-ring

20ACV-SB1-04
LinkTech 20AC Series Male Thread Female, Valved, 1/4" MNPT, Natural Acetal, Buna-N O-ring

20ACV-SB1-04BSPT
LinkTech 20AC Series Male Thread Female, Valved, 1/4" BSPT, Natural Acetal, Buna-N O-ring

20ACV-SB1-06
LinkTech 20AC Series Male Thread Female, Valved, 3/8" MNPT, Natural Acetal, Buna-N O-ring

20CBV-SB1-02
LinkTech 20CB Series Male Thread Female, Valved, 1/8" MNPT, Chrome Brass, Buna-N O-ring

20CBV-SB1-02BSPT
LinkTech 20CB Series Male Thread Female, Valved, 1/8" BSPT, Chrome Brass, Buna-N O-ring

20CBV-SB1-04
LinkTech 20CB Series Male Thread Female, Valved, 1/4" MNPT, Chrome Brass, Buna-N O-ring

20CBV-SB1-04BSPT
LinkTech 20CB Series Male Thread Female, Valved, 1/4" BSPT, Chrome Brass, Buna-N O-ring

20PPV-SE1-02
LinkTech 20PP Series Male Thread Female, Valved, 1/8" NPT, Molded Grey Color, Polypropylene, EPDM O-ring

20PPV-SE1-02MALD
LinkTech 20PP Series Male Thread Female, Valved, 1/8" NPT, Molded Almond Color, Polypropylene, EPDM O-ring

20PPV-SE1-04
LinkTech 20PP Series Male Thread Female, Valved, 1/4" NPT, Molded Grey Color, Polypropylene, EPDM O-ring

20PPV-SE1-04MALD
LinkTech 20PP Series Male Thread Female, Valved, 1/4" NPT, Molded Almond Color, Polypropylene, EPDM O-ring

Need More Details?
Check out the quick connect Datasheets at www.nordsonmedical.com or contact Sales at FMF-sales@nordsonmedical.com.
## Threading Couplings:  
Female Valved Straight

<table>
<thead>
<tr>
<th>THREADED COUPLINGS</th>
<th>30 Series Reference Part: 30ACV-SB1-02</th>
</tr>
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<tbody>
<tr>
<td><strong>30ACV-SB1-02</strong></td>
<td>LinkTech 30AC Series Male Thread Female, Valved, 1/8&quot; MNPT, Natural Acetal, Buna-N O-ring</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>40 Series Reference Part: 40ACV-SB1-04</th>
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<tbody>
<tr>
<td><strong>40ACV-SB1-04</strong></td>
</tr>
<tr>
<td><strong>40ACV-SB1-04CBSPT</strong></td>
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<tr>
<td><strong>40ACV-SB1-06</strong></td>
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<tr>
<td><strong>40ACV-SB1-06CBSPT</strong></td>
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<tr>
<td><strong>40CBV-SB1-04</strong></td>
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<tr>
<td><strong>40CBV-SB1-04CBSPT</strong></td>
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<td><strong>40CBV-SB1-06</strong></td>
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<tr>
<td><strong>40CBV-SB1-06CBSPT</strong></td>
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<tr>
<td><strong>40CBV-SB13-04</strong></td>
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<tr>
<td><strong>40PPV-SE1-04</strong></td>
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<table>
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<tr>
<th>50 Series Reference Part: 50ACV-S35107</th>
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<tbody>
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<td><strong>50ACV-S35107</strong></td>
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<tr>
<td><strong>50ACV-SB1-06</strong></td>
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<tr>
<td><strong>50BACV-SB1-04</strong></td>
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<td><strong>50BACV-SB1-06</strong></td>
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<tr>
<th>55 Series Reference Part: 55GPV-SE1-04</th>
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<tbody>
<tr>
<td><strong>55GPV-SE1-04</strong></td>
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### LinkTech Line Part Number Guide

<table>
<thead>
<tr>
<th>Flow Size or Latch Type</th>
<th>Material</th>
<th>Valve Config.</th>
<th>O-Ring Type</th>
<th>Connection Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>GP</td>
<td>V - S</td>
<td>E - 1</td>
<td>04</td>
</tr>
</tbody>
</table>

Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
**THREADED COUPLINGS:**

**Female Valved Straight**

**60 Series Reference Part: 60PPV-SE1-08**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>60PPV-SE1-06</td>
<td>LinkTech 60PP Series Male Thread Female, Valved, 3/8&quot; MNPT, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td>60PPV-SE1-08</td>
<td>LinkTech 60PP Series Male Thread Female, Valved, 1/2&quot; MNPT, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td>60PPV-SE1-08BLK</td>
<td>LinkTech 60PP Series Male Thread Female, Valved, 1/2&quot; MNPT, Molded Black Color, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td>60PSV-SE1-06</td>
<td>LinkTech 60PS Series Male Thread Female, Valved, 3/8&quot; MNPT, Polysulfone, EPDM O-ring</td>
</tr>
<tr>
<td>60PSV-SE1-08</td>
<td>LinkTech 60PS Series Male Thread Female, Valved, 1/2&quot; MNPT, Polysulfone, EPDM O-ring</td>
</tr>
<tr>
<td>60PSV-SE1-08BLK</td>
<td>LinkTech 60PS Series Male Thread Female, Valved, 1/2&quot; MNPT, Molded Black Color, Polysulfone, EPDM O-ring</td>
</tr>
</tbody>
</table>

**Custom Assembly**

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

**20 Series Reference Part: 20ACV-PB1-04**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20ACV-PB1-02</td>
<td>LinkTech 20AC Series Male Thread Male, Valved, 1/8&quot; MNPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20ACV-PB1-02BSPT</td>
<td>LinkTech 20AC Series Male Thread Male, Valved, 1/8&quot; BSPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20ACV-PB1-04</td>
<td>LinkTech 20AC Series Male Thread Male, Valved, 1/4&quot; MNPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20ACV-PB1-04BSPT</td>
<td>LinkTech 20AC Series Male Thread Male, Valved, 1/4&quot; BSPT, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>20CBV-PB1-02</td>
<td>LinkTech 20CB Series Male Thread Male, Valved, 1/8&quot; MNPT, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>20CBV-PB1-02BSPT</td>
<td>LinkTech 20CB Series Male Thread Male, Valved, 1/8&quot; BSPT, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>20CBV-PB1-04</td>
<td>LinkTech 20CB Series Male Thread Male, Valved, 1/4&quot; MNPT, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>20CBV-PB1-04BSPT</td>
<td>LinkTech 20CB Series Male Thread Male, Valved, 1/4&quot; BSPT, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>20CBV-PB13-1032</td>
<td>LinkTech 20CB Series Female Thread Male, Valved, 10/32&quot;, Chrome Brass, Buna-N O-ring</td>
</tr>
<tr>
<td>20PPV-PE1-02</td>
<td>LinkTech 20PP Series Male Thread Male, Valved, 1/8&quot; NPT, Molded Grey Color, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td>20PPV-PE1-02MALD</td>
<td>LinkTech 20PP Series Male Thread Male, Valved, 1/8&quot; NPT, Molded Almond Color, Polypropylene, EPDM O-ring</td>
</tr>
</tbody>
</table>

**Part Drawings Online!**

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.  
www.nordsonmedical.com
### 30 Series Reference Part: 30ACV-PB1-02

**30ACV-PB1-02**  
LinkTech 30AC Series Male Thread Male, Valved, 1/8" MNPT, Natural Acetal, Buna-N O-ring

**30ACV-PB1-02BSPT**  
LinkTech 30AC Series Male Thread Male, Valved, 1/8" BSPT, Natural Acetal, Buna-N O-ring

**30ACV-PB1-04**  
LinkTech 30AC Series Male Thread Male, Valved, 1/4" MNPT, Natural Acetal, Buna-N O-ring

**30ACV-PB1-04BSPT**  
LinkTech 30AC Series Male Thread Male, Valved, 1/4" BSPT, Natural Acetal, Buna-N O-ring

### 40 Series Reference Part: 40CBV-PB1-04

**40ACV-PB1-04BSPT**  
LinkTech 40AC Series Male Thread Male, Valved, 1/4" BSPT, Natural Acetal, Buna-N O-ring

**40ACV-PB1-06**  
LinkTech 40AC Series Male Thread Male, Valved, 3/8" MNPT, Natural Acetal, Buna-N O-ring

**40ACV-PB1-06BSPT**  
LinkTech 40AC Series Male Thread Male, Valved, 3/8" BSPT, Natural Acetal, Buna-N O-ring

**40CBV-PB1-04**  
LinkTech 40CB Series Male Thread Male, Valved, 1/4" MNPT, Chrome Brass, Buna-N O-ring

**40CBV-PB1-04BSPT**  
LinkTech 40CB Series Male Thread Male, Valved, 1/4" BSPT, Chrome Brass, Buna-N O-ring

**40CBV-PB1-06**  
LinkTech 40CB Series Male Thread Male, Valved, 3/8" MNPT, Chrome Brass, Buna-N O-ring

**40CBV-PB1-06BSPT**  
LinkTech 40CB Series Male Thread Male, Valved, 3/8" BSPT, Chrome Brass, Buna-N O-ring

### 50 Series Reference Part: 50ACV-PB1-04

**50ACV-PB1-04**  
LinkTech 50AC Series Male Thread Male, Valved, 1/4" MNPT, Natural Acetal, Buna-N O-ring

**50ACV-PB1-06**  
LinkTech 50AC Series Male Thread Male, Valved, 3/8" MNPT, Natural Acetal, Buna-N O-ring

**50PPV-PE1-04**  
LinkTech 50PP Series Male Thread Male, Valved, 1/4" MNPT, Polypropylene, EPDM O-ring

**50PPV-PE1-06**  
LinkTech 50PP Series Male Thread Male, Valved, 3/8" MNPT, Polypropylene, EPDM O-ring

### 55 Series Reference Part: 55GPV-PE1-04

**55GPV-PE1-04**  
LinkTech 55GP Series Male Thread Male, Valved, 1/4" NPT, Glass-Filled Polypropylene, EPDM O-ring

---

**Need Samples for Evaluation?**  
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+1 (970) 267-5200   Toll Free: (888) 404-5837
**Threaded Couplings:**

**Male Valved Straight**

60 Series Reference Part: 60PPV-PE1-08

60PPV-PE1-06
LinkTech 60PP Series Male Thread Male, Valved, 3/8” MNPT, Polypropylene, EPDM O-ring

60PPV-PE1-08BLK
LinkTech 60PP Series Male Thread Male, Valved, 1/2” MNPT, Molded Black Color, Polypropylene, EPDM O-ring

60PPV-PE1-08
LinkTech 60PP Series Male Thread Male, Valved, 1/2” MNPT, Polypropylene, EPDM O-ring

60PPV-08BLK
LinkTech 60PP Series Male Thread Male, Valved, 1/2” MNPT, Molded Black Color, Polypropylene, EPDM O-ring

60PPV-12
LinkTech 60PP Series Male Thread Male, Valved, 3/4” MNPT, Polypropylene, EPDM O-ring

60PSV-06
LinkTech 60PS Series Male Thread Male, Valved, 3/8” MNPT, Polysulfone, EPDM O-ring

60PSV-06BLK
LinkTech 60PS Series Male Thread Male, Valved, 3/8” MNPT, Molded Black Color, Polysulfone, EPDM O-ring

60PSV-08
LinkTech 60PS Series Male Thread Male, Valved, 1/2” MNPT, Polysulfone, EPDM O-ring

60PSV-08BLK
LinkTech 60PS Series Male Thread Male, Valved, 1/2” MNPT, Molded Black Color, Polysulfone, EPDM O-ring

60PSV-12
LinkTech 60PS Series Male Thread Male, Valved, 3/4” MNPT, Polysulfone, EPDM O-ring

**Female Valved Panel Mount**

20 Series Reference Part: 20CBV-SB19-1032

20ACV-SB19-1032
LinkTech 20AC Series Panel Mount Female, Female Thread, Valved, 10/32”, Natural Acetal, Buna-N O-ring

20CBV-SB12-02
LinkTech 20CB Series Panel Mount Female, Male Thread, Valved, 1/8” MNPT, Chrome Brass, Buna-N O-ring

20CBV-SB19-1032
LinkTech 20CB Series Panel Mount Female, Female Thread, Valved, 10/32”, Chrome Brass, Buna-N O-ring

40 Series Reference Part: 40CBV-SB12-04

40CBV-SB12-04
LinkTech 40CB Series Panel Mount Female, Male Thread, Valved, 1/4” MNPT, Chrome Brass, Buna-N O-ring

**Looking for Something Different?**

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there’s a new product you think Nordson MEDICAL should make, please send us an Email at designcenter@nordsonmedical.com describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 10 for more information on the Design Center!

Need it Fast?

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www.nordsonmedical.com
# Twist Latch

**Hose Barb Couplings**

Nordson MEDICAL offers twist latch connectors in sizes ranging from 1/16" (1.6 mm) to 5/32" (4.0 mm) ID tubing in over 85 separate configurations in ABS, acetal and polypropylene, with other engineering resins available on special order. Available twist latch fitting styles include straight connectors and panel mount configurations. They are intuitive to use and make an audible click when coupled with their improved easy grip barrel. These twist latch connectors are for use with lower durometer tubing such as PVC, polyurethane, silicone, rubber, etc.

The BPL Series quick connect fittings offers superior ergonomics stemming from a winged male fitting and Nordson MEDICAL’s patented 10-point grip, making the quarter-turn connection simple and easy to accomplish. A solid snap, that can be both heard and felt, will then reassure the end user that a secure fit has been made.

Another unique characteristic of the BPL Series is the true tube stop on the rotating half of the two connectors. This allows tubing to be fully assembled onto the barb without its edge pushing against the body of the connector.

---

## Twist Latch Couplings:

**Female Open Flow Straight**

**10 Series Reference Part: 10AC-S2-02**

<table>
<thead>
<tr>
<th>10AC-S2-01</th>
</tr>
</thead>
<tbody>
<tr>
<td>LinkTech 10AC Series Straight Female, Non-Valved, 1/16&quot; Hose Barb, Natural Acetal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10AC-S2-01BLK</th>
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</thead>
<tbody>
<tr>
<td>LinkTech 10AC Series Straight Female, Non-Valved, 1/16&quot; Hose Barb, Black, Acetal</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>10AC-S2-01NS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LinkTech 10AC Series Straight Female, Non-Valved, 1/16&quot; Hose Barb, No Sleeve, Natural Acetal</td>
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</table>

<table>
<thead>
<tr>
<th>10AC-S2-01NSBLK</th>
</tr>
</thead>
<tbody>
<tr>
<td>LinkTech 10AC Series Straight Female, Non-Valved, 1/16&quot; Hose Barb, No Sleeve, Black, Acetal</td>
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<th>10AC-S2-02</th>
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<tbody>
<tr>
<td>LinkTech 10AC Series Straight Female, Non-Valved, 1/8&quot; Hose Barb, Natural Acetal</td>
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<tbody>
<tr>
<td>LinkTech 10AC Series Straight Female, Non-Valved, 1/8&quot; Hose Barb, No Sleeve, Natural Acetal</td>
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<table>
<thead>
<tr>
<th>10AC-S2-M3</th>
</tr>
</thead>
<tbody>
<tr>
<td>LinkTech 10AC Series Straight Female, Non-Valved, 3 mm Hose Barb, Natural Acetal</td>
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</table>

<table>
<thead>
<tr>
<th>10AC-S2-M3BLK</th>
</tr>
</thead>
<tbody>
<tr>
<td>LinkTech 10AC Series Straight Female, Non-Valved, 3 mm Hose Barb, Black, Acetal</td>
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<table>
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<tr>
<th>10AC-S2-M3NS</th>
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<tbody>
<tr>
<td>LinkTech 10AC Series Straight Female, Non-Valved, 3 mm Hose Barb, No Sleeve, Natural Acetal</td>
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<tr>
<th>10AC-S2-M3NSBLK</th>
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<tbody>
<tr>
<td>LinkTech 10AC Series Straight Female, Non-Valved, 3 mm Hose Barb, No Sleeve, Black, Acetal</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>10PP-S2-01</th>
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<tbody>
<tr>
<td>LinkTech 10PP Series Straight Female, Non-Valved, 1/16&quot; Hose Barb, Polypropylene</td>
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<table>
<thead>
<tr>
<th>10PP-S2-01NS</th>
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<tbody>
<tr>
<td>LinkTech 10PP Series Straight Female, Non-Valved, 1/16&quot; Hose Barb, No Sleeve, Polypropylene</td>
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<th>10PP-S2-02</th>
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<td>LinkTech 10PP Series Straight Female, Non-Valved, 1/8&quot; Hose Barb, Polypropylene</td>
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<td>LinkTech 10PP Series Straight Female, Non-Valved, 1/8&quot; Hose Barb, No Sleeve, Polypropylene</td>
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<th>10PP-S2-M3</th>
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<tr>
<td>LinkTech 10PP Series Straight Female, Non-Valved, 3 mm Hose Barb, Polypropylene</td>
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<table>
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<tr>
<th>10PP-S2-M3NS</th>
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<tbody>
<tr>
<td>LinkTech 10PP Series Straight Female, Non-Valved, 3 mm Hose Barb, No Sleeve, Polypropylene</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>10PP-S2-M3NSBLK</th>
</tr>
</thead>
<tbody>
<tr>
<td>LinkTech 10PP Series Straight Female, Non-Valved, 3 mm Hose Barb, No Sleeve, Black, Polypropylene</td>
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**BPL Series Reference Part: BPLF230**

<table>
<thead>
<tr>
<th>BPLF230 (-8012)</th>
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</thead>
<tbody>
<tr>
<td>Quarter-turn Female Blood Pressure Cuff Connector to 200 Series Barb, 1/8&quot; (3.2 mm) Tubing ID</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>BPLF240 (-8012)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quarter-turn Female Blood Pressure Cuff Connector to 200 Series Barb, 5/32&quot; (4.0 mm) Tubing ID</td>
</tr>
<tr>
<td>Part Number</td>
</tr>
<tr>
<td>-------------------</td>
</tr>
<tr>
<td>10AC-PB2-01</td>
</tr>
<tr>
<td>10AC-PB2-01BLK</td>
</tr>
<tr>
<td>10AC-PB2-01NS</td>
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<td>10AC-PB2-01NSBLK</td>
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<tr>
<td>10AC-PB2-02</td>
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<tr>
<td>10AC-PB2-02BLK</td>
</tr>
<tr>
<td>10AC-PB2-02NS</td>
</tr>
<tr>
<td>10AC-PB2-02NSBLK</td>
</tr>
<tr>
<td>10AC-PB2-M3</td>
</tr>
<tr>
<td>10AC-PB2-M3BLK</td>
</tr>
<tr>
<td>10AC-PB2-M3NS</td>
</tr>
<tr>
<td>10AC-PB2-M3NSBLK</td>
</tr>
<tr>
<td>10PP-PE2-01</td>
</tr>
<tr>
<td>10PP-PE2-01NS</td>
</tr>
<tr>
<td>10PP-PE2-02</td>
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</table>

**BPL Series Reference Part: BPLM230**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>BPLM230 (-001)</td>
<td>White ABS, White Acetal, Buna-N O-Ring</td>
</tr>
<tr>
<td></td>
<td>Quarter-turn Male Blood Pressure Cuff Connector to 200 Series Barb, 1/8&quot; (3.2 mm) Tubing ID</td>
</tr>
</tbody>
</table>

**BPL Series Reference Part: BPLM240**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>BPLM240 (-001)</td>
<td>White ABS, White Acetal, Buna-N O-Ring</td>
</tr>
<tr>
<td></td>
<td>Quarter-turn Male Blood Pressure Cuff Connector to 200 Series Barb, 5/32&quot; (4.0 mm) Tubing ID</td>
</tr>
</tbody>
</table>

**TWIST LATCH COUPLINGS:**

**Male Open Flow Straight**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10PP-PE2-02NS</td>
<td>LinkTech 10PP Series Straight Male, Non-Valved, 3 mm Hose Barb, No Sleeve, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td>10PP-PE2-M3</td>
<td>LinkTech 10PP Series Straight Male, Non-Valved, 3 mm Hose Barb, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td>10PP-PE2-M3NS</td>
<td>LinkTech 10PP Series Straight Male, Non-Valved, 3 mm Hose Barb, No Sleeve, Polypropylene, EPDM O-ring</td>
</tr>
</tbody>
</table>

**Female Open Flow Panel Mount**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10AC-PB2</td>
<td>LinkTech 10AC Series Panel Mount Female, Non-Valved, 1/16&quot; Hose Barb, Natural Acetal</td>
</tr>
<tr>
<td>10AC-S3-01</td>
<td>LinkTech 10AC Series Panel Mount Female, Non-Valved, 1/16&quot; Hose Barb, Natural Acetal</td>
</tr>
<tr>
<td>10AC-S3-01BLK</td>
<td>LinkTech 10AC Series Panel Mount Female, Non-Valved, 1/16&quot; Hose Barb, Black, Acetal</td>
</tr>
<tr>
<td>10AC-S3-02</td>
<td>LinkTech 10AC Series Panel Mount Female, Non-Valved, 1/8&quot; Hose Barb, Natural Acetal</td>
</tr>
<tr>
<td>10AC-S3-02BLK</td>
<td>LinkTech 10AC Series Panel Mount Female, Non-Valved, 1/8&quot; Hose Barb, Black, Acetal</td>
</tr>
<tr>
<td>10AC-S3-M3</td>
<td>LinkTech 10AC Series Panel Mount Female, Non-Valved, 3 mm Hose Barb, Natural Acetal</td>
</tr>
<tr>
<td>10AC-S3-M3BLK</td>
<td>LinkTech 10AC Series Panel Mount Female, Non-Valved, 3 mm Hose Barb, Black, Acetal</td>
</tr>
</tbody>
</table>
TWIST LATCH COUPLINGS:
Female Open Flow Panel Mount

10PP-S3-01
LinkTech 10PP Series Panel Mount Female, Non-Valved, 1/16" Hose Barb, Polypropylene

10PP-S3-02
LinkTech 10PP Series Panel Mount Female, Non-Valved, 1/8" Hose Barb, Polypropylene

10PP-S3-M3
LinkTech 10PP Series Panel Mount Female, Non-Valved, 3 mm Hose Barb, Polypropylene

TWIST LATCH COUPLINGS:
Male Open Flow Panel Mount

10 Series Reference Part: 10AC-PB3-02

10AC-PB3-01
LinkTech 10AC Series Panel Mount Male, Non-Valved, 1/16" Hose Barb, Natural Acetal, Buna-N O-ring

10AC-PB3-01BLK
LinkTech 10AC Series Panel Mount Male, Non-Valved, 1/16" Hose Barb, Black, Acetal, Buna-N O-ring

10AC-PB3-02
LinkTech 10AC Series Panel Mount Male, Non-Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

10AC-PB3-02BLK
LinkTech 10AC Series Panel Mount Male, Non-Valved, 1/8" Hose Barb, Black, Acetal, Buna-N O-ring

10AC-PB3-M3
LinkTech 10AC Series Panel Mount Male, Non-Valved, 3 mm Hose Barb, Natural Acetal, Buna-N O-ring

10AC-PB3-M3BLK
LinkTech 10AC Series Panel Mount Male, Non-Valved, 3 mm Hose Barb, Black, Acetal, Buna-N O-ring

10PP-PE3-01
LinkTech 10PP Series Panel Mount Male, Non-Valved, 1/16" Hose Barb, Polypropylene, EPDM O-ring

10PP-PE3-02
LinkTech 10PP Series Panel Mount Male, Non-Valved, 1/8" Hose Barb, Polypropylene, EPDM O-ring

TWIST LATCH COUPLINGS:
Female Valved Straight

10 Series Reference Part: 10ACV-SB2-02

10ACV-SB2-01
LinkTech 10AC Series Straight Female, Valved, 1/16" Hose Barb, Natural Acetal, Buna-N O-ring

10ACV-SB2-01NS
LinkTech 10AC Series Straight Female, Valved, 1/16" Hose Barb, No Sleeve, Natural Acetal, Buna-N O-ring

10ACV-SB2-01NSBLK
LinkTech 10AC Series Straight Female, Valved, 1/16" Hose Barb, No Sleeve, Black, Acetal, Buna-N O-ring

10ACV-SB2-02
LinkTech 10AC Series Straight Female, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

10ACV-SB2-02BLK
LinkTech 10AC Series Straight Female, Valved, 1/8" Hose Barb, Black, Acetal, Buna-N O-ring

10ACV-SB2-02NS
LinkTech 10AC Series Straight Female, Valved, 1/8" Hose Barb, No Sleeve, Natural Acetal, Buna-N O-ring

10ACV-SB2-02NSBLK
LinkTech 10AC Series Straight Female, Valved, 1/8" Hose Barb, No Sleeve, Black, Acetal, Buna-N O-ring

10ACV-SB2-M3
LinkTech 10AC Series Straight Female, Valved, 3 mm Hose Barb, Natural Acetal, Buna-N O-ring

10ACV-SB2-M3BLK
LinkTech 10AC Series Straight Female, Valved, 3 mm Hose Barb, Black, Acetal, Buna-N O-ring

10ACV-SB2-M3NS
LinkTech 10AC Series Straight Female, Valved, 3 mm Hose Barb, No Sleeve, Natural Acetal, Buna-N O-ring

10ACV-SB2-M3NSBLK
LinkTech 10AC Series Straight Female, Valved, 3 mm Hose Barb, No Sleeve, Black, Acetal, Buna-N O-ring

Technical Assistance
Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support (970) 267-5200.

Did You Know?
Nordson MEDICAL has an interactive PDF available online at www.nordsonmedical.com. Access part drawings, reference charts, data sheets, and more from just one location!
### TWIST LATCH COUPLINGS:
#### Female Valved Panel Mount

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10ACV-SB3-01</td>
<td>LinkTech 10AC Series Panel Mount Female, Valved, 1/16&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>10ACV-SB3-01BLK</td>
<td>LinkTech 10AC Series Panel Mount Female, Valved, 1/16&quot; Hose Barb, Black, Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>10ACV-SB3-02</td>
<td>LinkTech 10AC Series Panel Mount Female, Valved, 1/8&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<tr>
<td>10ACV-SB3-02BLK</td>
<td>LinkTech 10AC Series Panel Mount Female, Valved, 1/8&quot; Hose Barb, Black, Acetal, Buna-N O-ring</td>
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<tr>
<td>10ACV-SB3-M3</td>
<td>LinkTech 10AC Series Panel Mount Female, Valved, 3 mm Hose Barb, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>10ACV-SB3-M3BLK</td>
<td>LinkTech 10AC Series Panel Mount Female, Valved, 3 mm Hose Barb, Black, Acetal, Buna-N O-ring</td>
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### TWIST LATCH COUPLINGS:
#### Male and Female Sets

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>10AC2-01</td>
<td>LinkTech 10AC Series Straight Coupling, Non-Valved, 1/16&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
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<tr>
<td>10AC2-01BLK</td>
<td>LinkTech 10AC Series Straight Coupling, Non-Valved, 1/16&quot; Hose Barb, Black, Acetal, Buna-N O-ring</td>
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<tr>
<td>10AC2-02</td>
<td>LinkTech 10AC Series Straight Coupling, Non-Valved, 1/8&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>10AC2-02BLK</td>
<td>LinkTech 10AC Series Straight Coupling, Non-Valved, 1/8&quot; Hose Barb, Black, Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>10AC2-M3</td>
<td>LinkTech 10AC Series Straight Coupling, Non-Valved, 3 mm Hose Barb, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>10AC2-M3BLK</td>
<td>LinkTech 10AC Series Straight Coupling, Non-Valved, 3 mm Hose Barb, Black, Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>10ACV2-01</td>
<td>LinkTech 10AC Series Straight Coupling, Valved, 1/16&quot; Hose Barb, Natural Acetal, O-ring</td>
</tr>
<tr>
<td>10ACV2-02</td>
<td>LinkTech 10AC Series Straight Coupling, Valved, 1/8&quot; Hose Barb, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>10ACV2-02BLK</td>
<td>LinkTech 10AC Series Straight Coupling, Valved, 1/8&quot; Hose Barb, Black, Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>10ACV2-M3</td>
<td>LinkTech 10AC Series Straight Coupling, Valved, 3 mm Hose Barb, Natural Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>10ACV2-M3BLK</td>
<td>LinkTech 10AC Series Straight Coupling, Valved, 3 mm Hose Barb, Black, Acetal, Buna-N O-ring</td>
</tr>
<tr>
<td>10PP2-01</td>
<td>LinkTech 10PP Series Straight Coupling, Non-Valved, 1/16&quot; Hose Barb, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td>10PP2-02</td>
<td>LinkTech 10PP Series Straight Coupling, Non-Valved, 1/8&quot; Hose Barb, Polypropylene, EPDM O-ring</td>
</tr>
<tr>
<td>10PP2-M3</td>
<td>LinkTech 10PP Series Straight Coupling, Non-Valved, 3 mm Hose Barb, Polypropylene, EPDM O-ring</td>
</tr>
</tbody>
</table>

**Reference part shown:** 10ACV-SB3-02

**Reference part shown:** 10AC2-02

---

**Need More Details?**

Check out the quick connect Datasheets at [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at FMF-sales@nordsonmedical.com.

**Part Drawings Online!**

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings. [www.nordsonmedical.com](http://www.nordsonmedical.com)
CUSTOM Solutions

Nordson MEDICAL has developed hundreds of custom connection solutions for challenging applications. Our engineering staff is ready to work with your designers to solve application problems beyond the scope of our standard product offering. Whether it is a simple o-ring, color change, or a completely new and unique design, Nordson MEDICAL offers its customers the best possible solution. To submit a new product request, email us at designcenter@nordsonmedical.com.

CUSTOM SOLUTIONS:
- Molded Color Couplings
- Multi-port Couplings
- Unique Valved Couplings
- Non-Spill Capabilities
- Non-Standard, High Performance Materials
- Custom Mounting Options
- Value Added Services

Call for details!
## SCV Series

SCV Series products are available in barbed, anti-siphon or one-way check valve configurations in a variety of materials and end fitments. Barbed check valves reduce the risk of contamination and feature more precise, lower crack pressures and higher flow rates. They are ideal for medical device designers focused on infusion, drainage and irrigation applications. All the valves feature a low priming volume, ease of removing air bubbles during priming and operate in any spatial orientation. All materials of construction satisfy USP Class VI and ISO 10993 criteria.

### Features & Benefits:
- Materials meet USP Class VI and ISO 10993 criteria
- DEHP- and latex-free silicone diaphragms
- All products are suitable for EtO or gamma sterilization
- Several connection configurations and materials
- Air bubbles completely removable during priming
- Operate in any spatial orientation
- Normally closed valve positioning for optimum flow control
- Available with the lowest cracking pressure on the market
- Air entrapment readily alleviated during priming

### SCV Series Products

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Cracking Pressure</th>
<th>Max. Back Pressure</th>
<th>Flow Rate</th>
<th>Flow Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCV06018</td>
<td>SCV Series (Clear and White MABS w/Silicone Diaphragm)</td>
<td>≤ .100 psig</td>
<td>116 psig</td>
<td>≥ 110 ml/min</td>
<td>Left to right</td>
</tr>
<tr>
<td>SCV06308</td>
<td>SCV Series (Clear Transparent Polycarbonate and Green Polycarbonate w/Silicone Diaphragm)</td>
<td>2.9 +/- 0.725 psig</td>
<td>304.5 psig</td>
<td>≥ 150 ml/min</td>
<td>Left to right</td>
</tr>
<tr>
<td>SCV06246</td>
<td>SCV Series (Clear Transparent MABS and Blue Transparent SAN w/Silicone Diaphragm)</td>
<td>2.9 +/- 0.725 psig</td>
<td>304.5 psig</td>
<td>≥ 150 ml/min</td>
<td>Left to right</td>
</tr>
</tbody>
</table>
### SCV SERIES: Anti-Siphon Check Valves

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Cracking Pressure</th>
<th>Max. Back Pressure</th>
<th>Flow Rate</th>
<th>Flow Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCV06248 (Blue SAN and Clear MABS w/Silicone Diaphragm)</td>
<td>Check Valve, Pocket for .161&quot; (4.0 mm) OD Tubing to Male Locking Luer</td>
<td>2.176-3.626 psig</td>
<td>304.579 psig</td>
<td>170 ml/min</td>
<td>Left to right</td>
</tr>
<tr>
<td>SCV06264 (Clear and Blue MABS w/Silicone Diaphragm)</td>
<td>Check Valve, Pocket for .161&quot; (4.0 mm) OD Tubing to .161&quot; (4.0 mm) OD Tubing</td>
<td>1.450-4.351 psig</td>
<td>200 ml/min</td>
<td>199 ml/min</td>
<td>Right to left</td>
</tr>
<tr>
<td>SCV06272 (Transparent SAN and Blue Transparent MABS w/Silicone Diaphragm)</td>
<td>Check Valve, Pocket for .161&quot; (4.0 mm) OD Tubing to Female Locking Luer</td>
<td>2.9 +/- 0.725 psig</td>
<td>304.5 psig</td>
<td>≥ 150 ml/min</td>
<td>Left to right</td>
</tr>
<tr>
<td>SCV06249 (Blue Transparent and Transparent MABS w/Silicone Diaphragm)</td>
<td>Check Valve, Pocket for .185&quot; (4.2 mm) OD Tubing to Male Locking Luer</td>
<td>2.9 +/- 0.725 psig</td>
<td>304.5 psig</td>
<td>≥ 150 ml/min</td>
<td>Left to right</td>
</tr>
<tr>
<td>SCV06329 (Clear and Blue SAN w/Silicone Diaphragm)</td>
<td>Check Valve, Female Locking Luer Linden</td>
<td>1.450-4.351 psig</td>
<td>200 ml/min</td>
<td>200 ml/min</td>
<td>Right to left</td>
</tr>
<tr>
<td>SCV06252 (Clear Transparent SAN and Blue Transparent SAN w/Silicone Diaphragm)</td>
<td>Check Valve, Female Locking Luer to Male Locking Luer</td>
<td>2.9 +/- 0.725 psig</td>
<td>304.5 psig</td>
<td>≥ 150 ml/min</td>
<td>Left to right</td>
</tr>
<tr>
<td>SCV06397 (Clear MABS w/Silicone Diaphragm)</td>
<td>High Flow Check Valve, Pocket for 8.8 mm OD Tubing to Pocket for 8.8 mm OD Tubing</td>
<td>&lt; .29 psig</td>
<td>14.500 psig</td>
<td>≥ 1000 ml/min</td>
<td>Right to left</td>
</tr>
<tr>
<td>SCV06398 (Clear MABS w/Silicone Diaphragm)</td>
<td>High Flow Check Valve, Pocket for 6.8 mm OD Tubing to Pocket for 6.8 mm OD Tubing</td>
<td>&lt; .29 psig</td>
<td>14.500 psig</td>
<td>&gt; 1000 ml/min</td>
<td>Right to left</td>
</tr>
</tbody>
</table>

### SCV SERIES: One-Way Check Valves

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Cracking Pressure</th>
<th>Max. Back Pressure</th>
<th>Flow Rate</th>
<th>Flow Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCV08053 (White SAN w/Silicone Diaphragm w/Natural LDPE)</td>
<td>Check Valve, Female Locking Luer to Male Locking Luer w/Cap</td>
<td>≤ .174 psig</td>
<td>87.023 psig</td>
<td>≥ 90 ml/min</td>
<td>Left to right</td>
</tr>
<tr>
<td>SCV10090 (Clear Polycarbonate w/Silicone Diaphragm)</td>
<td>Check Valve, Female Locking Luer to Pocket for .118&quot; (3.0 mm) OD Tubing</td>
<td>≤ .174 psig</td>
<td>87.023 psig</td>
<td>≥ 90 ml/min</td>
<td>Left to right</td>
</tr>
<tr>
<td>SCV17090 (Clear Polycarbonate w/Silicone Diaphragm)</td>
<td>Check Valve, Female Locking Luer to Socket for .118&quot; (3.0 mm) ID x .161&quot; (4.1 mm) OD Tubing</td>
<td>≤ .174 psig</td>
<td>87.023 psig</td>
<td>≥ 90 ml/min</td>
<td>Left to right</td>
</tr>
<tr>
<td>SCV21053 (Clear and White MABS w/Silicone Diaphragm)</td>
<td>Check Valve, Socket for .118&quot; (3.0 mm) ID x .161&quot; (4.1 mm) OD Tubing x 2</td>
<td>≤ .174 psig</td>
<td>87.023 psig</td>
<td>≥ 90 ml/min</td>
<td>Left to right</td>
</tr>
<tr>
<td>SCV22050 (Clear SAN and Clear MABS w/Silicone Diaphragm)</td>
<td>Check Valve, Socket for .118&quot; (3.0 mm) ID x .161&quot; (4.1 mm) OD to Male Locking Luer</td>
<td>≤ .174 psig</td>
<td>87.023 psig</td>
<td>≥ 90 ml/min</td>
<td>Left to right</td>
</tr>
<tr>
<td>SCV06395 (Clear MABS w/Silicone Diaphragm)</td>
<td>High Flow Check Valve, Pocket for 6.8 mm OD Tubing to Pocket for 6.8 mm OD Tubing</td>
<td>&lt; .29 psig</td>
<td>14.500 psig</td>
<td>≥ 1000 ml/min</td>
<td>Right to left</td>
</tr>
<tr>
<td>SCV06265 (Blue and Clear Polycarbonate w/Silicone Diaphragm)</td>
<td>Check Valve, Autoclavable, Socket for .122&quot; (3.1 mm) ID x .165&quot; (4.2 mm) OD Tubing x 2</td>
<td>≤ .087 psig</td>
<td>87.023 psig</td>
<td>≥ 150 ml/min</td>
<td>Left to right</td>
</tr>
</tbody>
</table>
SCV SERIES: One-Way Check Valves

SCV23050 (Clear SAN w/Silicone Diaphragm)
Check Valve, Female Locking Luer to Male Locking Luer

Cracking Pressure: ≤ .174 psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min
Flow Direction: Left to right

VPS5401068N (Polycarbonate with Silicone Disk)
Check Valve, Male/Female Luer, 420 mL/min Flow Rate at 1 M Head 30 psi Back Pressure, 1/4 psi Inlet Cracking Pressure

VPS5401020N (Polycarbonate with Silicone Disk)
Check Valve, Male/Female Luer, 129 mL/min Flow Rate at 100 mmHg, 45 psi Back Pressure, 1-5 psi Inlet Cracking Pressure

VPS5401036SN (Polycarbonate with Silicone Disk)
Reflux Check Valve, Male/Female Luer, 350 mL/min Flow Rate at 1 M Head, 45 psi Back Pressure, Opens at 284 mmHg

VPS5401001N (ABS Housing with Silicone Disk)
Check Valve, Male Slip Luer, 420 mL/min Flow Rate at 1 M Head, 30 psi Back Pressure, 1/4 psi Inlet Cracking Pressure

SCV SERIES: Barbed Check Valves

SCV67220 (MABS w/Silicone Diaphragm)
Check Valve, Socket for 3/32” (2.4 mm) x 3/32” (2.4 mm) ID Tubing

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67220/230 (MABS w/Silicone Diaphragm)
Check Valve, Socket for 3/32” (2.4 mm) x 1/8” (3.2 mm) ID Tubing

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67FL/220 (SAN and MABS w/Silicone Diaphragm)
Check Valve, Female Locking Luer to Barb for 3/32” (2.4 mm) ID Tubing

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67FL/220v (SAN and MABS w/Silicone Diaphragm)
Check Valve, Female Locking Luer to Barb for 1/8” (3.2 mm) ID Tubing

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67220/220 (MABS w/Silicone Diaphragm)
Check Valve, Socket for 3/32” (2.4 mm) ID Tubing to Male Locking Luer

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67230/220 (MABS w/Silicone Diaphragm)
Check Valve, Socket for 1/8” (3.2 mm) x 3/32” (2.4 mm) ID Tubing

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67230 (MABS w/Silicone Diaphragm)
Check Valve, Socket for 1/8” (3.2 mm) x 1/8” (3.2 mm) ID Tubing

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

SCV67230/ML (SAN and MABS w/Silicone Diaphragm)
Check Valve, Socket for 1/8” (3.2 mm) x 3/32” (2.4 mm) ID Tubing

Cracking Pressure: ≤ .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: ≥ 150 ml/min
Flow Direction: Left to right

VPS5401006N (Polycarbonate with Silicone Disk)
Check Valve, Male/Female Luer, 420 mL/min Flow Rate at 1 M Head 30 psi Back Pressure, 1/4 psi Inlet Cracking Pressure

VPS5401020N (Polycarbonate with Silicone Disk)
Check Valve, Male/Female Luer, 129 mL/min Flow Rate at 100 mmHg, 45 psi Back Pressure, 1-5 psi Inlet Cracking Pressure

VPS5401036SN (Polycarbonate with Silicone Disk)
Reflux Check Valve, Male/Female Luer, 350 mL/min Flow Rate at 1 M Head, 45 psi Back Pressure, Opens at 284 mmHg

VPS5401001N (ABS Housing with Silicone Disk)
Check Valve, Male Slip Luer, 420 mL/min Flow Rate at 1 M Head, 30 psi Back Pressure, 1/4 psi Inlet Cracking Pressure
Nordson MEDICAL’s unique DCV Series bi-directional double check valve is designed to transfer clean fluid from a supply vessel to a use site. The fluid supply vessel is connected to the valve supply port (chimney) using a luer connection or tubing. The fluid is withdrawn from the supply vessel by a syringe or other device connected to the aspiration port. When the syringe is compressed, the fluid is then transferred, through the exit port, to the use site without adulterating the fluid. DCV Series bi-directional valves are produced in polycarbonate resin using a silicone diaphragm, with two available inlet ports connecting to the female luer aspiration and male luer discharge ports.

Features & Benefits:
- Bi-directional double check valve
- No need for disconnection to fill syringe
- Satisfies USP Class VI criteria
- Low cracking pressure
- Clean fluid transfer from supply to site
- High flow rate

Step 1: Clean fluid drawn into syringe

Step 2: Clean fluid expelled to use site

DCV Series:
Double Check Valves, Tubing Pocket Chimney Port

DCV114 (-001) Radiation-Stable Polycarbonate
Double Check Valve, Tubing Pocket Chimney Port
Cracking Pressure: 2-5 psi

DCV115 (-001) Radiation-Stable Polycarbonate
Double Check Valve, Tubing Pocket Chimney Port, Rotating Luer Lock Exit Port
Cracking Pressure: 2-5 psi

DCV118 (-001) Radiation-Stable Polycarbonate
Double Check Valve, Female Luer Chimney Port
Cracking Pressure: 2-5 psi

DCV125 (-001) Radiation-Stable Polycarbonate
Double Check Valve, Female Luer Chimney Port, Rotating Luer Lock Exit Port
Cracking Pressure: 2-5 psi

DCV SERIES:
Double Check Valves, Female Luer Chimney Port

DCV118 (-001) Radiation-Stable Polycarbonate
Double Check Valve, Female Luer Chimney Port
Cracking Pressure: 2-5 psi

DCV125 (-001) Radiation-Stable Polycarbonate
Double Check Valve, Female Luer Chimney Port, Rotating Luer Lock Exit Port
Cracking Pressure: 2-5 psi

DCV SERIES:
Double Check Valves, Female Luer Chimney Port
Nordson MEDICAL now offers cost efficient needlefree swabable valves featuring higher flow rates, low priming volumes, and a straight through design for unobstructed flow. The valves don’t require caps, and the septum surface can be easily disinfected. Designed for the injection and aspiration of fluids, particularly for IV applications, cardiology, and catheters, the hermetic septum seal reduces the risk of biofilm formation and contamination. Available in widely used polycarbonate and copolyester materials, these valves are compatible with all industry standard luer syringes and connects, validating them as an efficient component solution for the OEM market.

Features & Benefits:
- Valve stems and bodies securely mate with all standard luer syringes and connectors
- Several configurations that are easy to customize
- Normally closed system to reduce the risk of infection
- Low priming volume and high flow rates
- Straight through design for unobstructed flow
- Gamma radiation stable and EtO compatible
- Not made with natural rubber latex or DEHP

The NV Series products are shipped bulk, non-sterile and are single patient use medical device components requiring further processing (e.g. assembly, packaging, sterilization) before clinical use. The buyer is responsible for determining effects of processing/multiple usage on these components, appropriateness of the component in the final application, and pre/post shelf life.

**NV SERIES:**
- Vial Caps

Reference part shown: NVF13VPC

<table>
<thead>
<tr>
<th>NVF13VPC (Polycarbonate)</th>
<th>13 mm Swabable Vial Cap, Female Luer to 13 mm Vial Cap</th>
</tr>
</thead>
<tbody>
<tr>
<td>NVF20VPC (Polycarbonate)</td>
<td>20 mm Swabable Vial Cap, Female Luer to 20 mm Vial Cap</td>
</tr>
</tbody>
</table>
Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!

**NEEDLEFREE VALVES**

**NV SERIES: Tube End Valves**

**Reference part shown: NVF20PC**

**NVF20PC (Polycarbonate)**
Tube End Valve, Female Luer to 2.0 mm Tube Socket

**NVF25PC (Polycarbonate)**
Tube End Valve, Female Luer to 2.5 mm Tube Socket

**NVF28PC (Polycarbonate)**
Tube End Valve, Female Luer to 2.8 mm Tube Socket

**NVF37PC (Polycarbonate)**
Tube End Valve, Female Luer to 3.7 mm Tube Socket

**NVF41PC (Polycarbonate)**
Tube End Valve, Female Luer to 4.1 mm Tube Socket

**NV SERIES: Swabable ‘Y’ Valves**

**Reference part shown: NVFY36PC**

**NVFY36PC (Polycarbonate)**
Swabable ‘Y’ Valve, Female Luer Y Port to 3.6 mm Tube Sockets

**NVFY401PC (Copolyester)**
Swabable ‘Y’ Valve, Female Luer Y Port to 4.01 mm Tube Sockets

**NVFY401PC (Polycarbonate)**
Swabable ‘Y’ Valve, Female Luer Y Port to 4.01 mm Tube Sockets

**NVFY42S-001 (Polycarbonate)**
Swabable ‘Y’ Valve, Female Luer Y Port to 4.2 mm Bondable Sockets

**NV SERIES: Swabable Bag Valves**

**Reference part shown: NVFBGPC**

**NVFBGPC (Polycarbonate)**
Swabable Bag Valve, Female Luer to Bag Access Port

**NV SERIES: Swabable ‘Y’ Valves**

**Reference part shown: NVFY36PC**

**NVFY36PC (Polycarbonate)**
Swabable ‘Y’ Valve, Female Luer Y Port to 3.6 mm Tube Sockets

**NVFY401PC (Polycarbonate)**
Swabable ‘Y’ Valve, Female Luer Y Port to 4.01 mm Tube Sockets

**NVFY42S-001 (Polycarbonate)**
Swabable ‘Y’ Valve, Female Luer Y Port to 4.2 mm Bondable Sockets

**NV SERIES: Swabable Bag Valves**

**Reference part shown: NVFBGPC**

**NVFBGPC (Polycarbonate)**
Swabable Bag Valve, Female Luer to Bag Access Port

**NV SERIES: Swabable Break-Off Valves**

**Reference part shown: NVFBV60PC**

**NVFBV60PC (Polycarbonate)**
Swabable Break-Off Valve, Female Luer to Break Off 6.0 mm Port

**NVFBV66PC (Polycarbonate)**
Swabable Break-Off Valve, Female Luer to Break Off 6.6 mm Port

**NV SERIES: Tube End Valves**

**Reference part shown: NVF20PC**

**NVF20PC (Polycarbonate)**
Tube End Valve, Female Luer to 2.0 mm Tube Socket

**NVF25PC (Polycarbonate)**
Tube End Valve, Female Luer to 2.5 mm Tube Socket

**NVF28PC (Polycarbonate)**
Tube End Valve, Female Luer to 2.8 mm Tube Socket

**NVF37PC (Polycarbonate)**
Tube End Valve, Female Luer to 3.7 mm Tube Socket

**NVF41PC (Polycarbonate)**
Tube End Valve, Female Luer to 4.1 mm Tube Socket

**NV SERIES: Swabable ‘Y’ Valves**

**Reference part shown: NVFY36PC**

**NVFY36PC (Polycarbonate)**
Swabable ‘Y’ Valve, Female Luer Y Port to 3.6 mm Tube Sockets

**NVFY401PC (Polycarbonate)**
Swabable ‘Y’ Valve, Female Luer Y Port to 4.01 mm Tube Sockets

**NVFY401PC (Polycarbonate)**
Swabable ‘Y’ Valve, Female Luer Y Port to 4.01 mm Tube Sockets

**NVFY42S-001 (Polycarbonate)**
Swabable ‘Y’ Valve, Female Luer Y Port to 4.2 mm Bondable Sockets

**NV SERIES: Swabable Bag Valves**

**Reference part shown: NVFBGPC**

**NVFBGPC (Polycarbonate)**
Swabable Bag Valve, Female Luer to Bag Access Port

**NV SERIES: Valved Male Luers**

**Reference part shown: NVM31S-001**

**NVM31S-001 (Polycarbonate)**
Valved Male Luer to .125” Barb for 3.1 mm ID Tubing, Swabable Stem

**NVM41S-001 (Polycarbonate)**
Valved Male Luer to 4.0 / 4.1 mm Bondable Socket

**NV SERIES: Swabable Straight Valves**

**Reference part shown: NVFMLLLS-001**

**NVFMLLLCP (Copolyester)**
Swabable Straight Valve, Female Luer to Male Luer Lock

**NVFMLLPC (Polycarbonate)**
Swabable Straight Valve, Female Luer to Male Luer Lock

**NVFMLL-001 (Polycarbonate)**
Luer Activated Straight Valve, Female Luer to Male Luer Lock

**NVMLLS-001 (Polycarbonate)**
Swabable Straight Valve, Female Luer to Male Luer Lock

**NV SERIES: Bondable Valves**

**Reference part shown: NVFMLPC**

**NVFMLPC (Polycarbonate)**
Bondable Valve, Female Luer to Male Luer Slip

**NVFMLPCB (Polycarbonate)**
Bondable Valve, Female Luer to Male Luer Slip, Blue Cap

**NV SERIES: Swabable T-Port Valves**

**NVFTPC (Polycarbonate)**
Swabable T-Port Valve, Female Luer T Port to 6.6 mm Tube Sockets
DIVERT®

Stopcocks

Divert™ stopcocks are designed to easily control the flow of a liquid or gas through the use of an on/off diverter, and are available in three basic configurations – 1-way, 3-way, and 4-way. These chemically resistant stopcocks bring efficiency, convenience, and practicality to your tubing applications.

Features & Benefits:
- 1-way, 3-way, and 4-way configurations
- Chemically resistant
- Not made with DEHP
- Diverter arrows provide a clear indication of flow
- Custom solutions available, including manifolds, ganged manifolds, and tubing assemblies
- Standard flow and high flow options
- Polycarbonate, PEI, nylon, and HDPE materials

Looking for a stress-free connection? Ask our technical experts how annealing and other secondary processes can alleviate the risk of environmental stress cracking in polycarbonate materials.

DIVERT STOPCOCKS:
1-Way Stopcocks

FCFM-001
1-Way Stopcock, Female Luer to Male Luer, Clear Polycarbonate Body, 2-Arrow Natural HDPE Diverter

FCFM-002
1-Way Stopcock, Female Luer to Male Luer, Clear Polycarbonate Body, 2-Arrow Blue HDPE Diverter
DIVERT STOPCOCKS:
1-Way Stopcocks

FCFM-006
1-Way Stopcock, Female Luer to Male Luer, Tinted Polycarbonate Body, 2-Arrow Natural HDPE Diverter

FCFM-010
1-Way Stopcock, Female Luer to Male Luer, Tinted Polycarbonate Body, 2-Arrow Natural POM Diverter

FCFM-2A-004
1-Way Stopcock, Female Luer to Male Luer, Natural Nylon Body, 2-Arrow Natural HDPE Diverter

FCFML-2A-001
1-Way Stopcock, Female Luer to Male Luer with Positive Stop, Clear Polycarbonate Body, 2-Arrow Blue HDPE Diverter

FCFMR-001
1-Way Non-Sterile Stopcock, Female Luer to Male Luer with Luer Lock Ring, Clear Polycarbonate Body, 2-Arrow Natural HDPE Diverter

FCHPFMR-002
1-Way High Pressure Stopcock, Female Luer to Male Luer with Luer Lock Ring, Clear Polycarbonate Body and Lock Ring, 2-Arrow Gold Color Acetal Diverter

FCHPFMR-005
1-Way High Pressure Stopcock, Female Luer to Male Luer with Luer Lock Ring, Clear Polycarbonate Body and Lock Ring, 2-Arrow Grey Color Acetal Diverter

FCHPFMR-003
1-Way High Pressure Stopcock, Female Luer to Male Luer with Luer Lock Ring, Clear Polycarbonate Body and Lock Ring, 2-Arrow Gold POM Diverter

FCLBFMR-001
1-Way High Pressure Stopcock, Female Luer to Male Luer with Luer Lock Ring, Large Bore, Clear Polycarbonate Body and Lock Ring, 2-Arrow Natural HDPE Diverter

VP455980
1-Way Sterile Stopcock, Capped Male Luer Lock to Capped Female Thread Style, Polycarbonate Body, Polyethylene Handle

VPB1000050N
1-Way Stopcock, Capped Male Luer Lock to Capped Female Thread Style, Polycarbonate Body, Polyethylene Handle

VPB1000055N
1-Way Stopcock, Male Slip Luer to Capped Female Thread Style, Polycarbonate Body, Polyethylene Handle

FCHPFMR-005
1-Way High Pressure Stopcock, Female Luer to Male Luer with Luer Lock Ring, Clear Polycarbonate Body and Lock Ring, 2-Arrow Grey Color Acetal Diverter

Custom Assembly
We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
DIVERT STOPCOCKS:
3-Way Stopcocks

**FCFFM-002**
3-Way Stopcock, Female Luer to Female Luer to Bondable Socket, Clear Polycarbonate Body, 1-Arrow Red Color HDPE Diverter

**FCFFMR-002**
3-Way Stopcock, Female Luer to Female Luer to Male Luer with Luer Lock Ring, Tinted Polycarbonate Body and Lock Ring, 1-Arrow White HDPE Diverter

**FCFFM-003**
3-Way Stopcock, Female Luer to Female Luer to Bondable Socket, Clear Polycarbonate Body, 1-Arrow Natural HDPE Diverter

**FCFFMR-003**
3-Way Stopcock, Female Luer to Female Luer to Male Luer with Luer Lock Ring, Polycarbonate Body and Lock Ring, 1-Arrow Natural HDPE Diverter

**FCFFM-008**
3-Way Stopcock, Female Luer to Female Luer to Male Luer, Clear Polycarbonate Body, 1-Arrow Natural HDPE Diverter

**FCFFMR-004**
3-Way Stopcock, Female Luer to Female Luer to Male Luer with Luer Lock Ring, Clear Polycarbonate Body and Lock Ring, 1-Arrow Natural HDPE Diverter

**FCFFM-009**
3-Way Stopcock, Female Luer to Female Luer to Male Luer, Tinted Polycarbonate Body, 1-Arrow White HDPE Diverter

**FCHPFFMR-001**
3-Way High Pressure Stopcock, Female Luer to Female Luer to Male Luer with Luer Lock Ring, Clear Polycarbonate Body and Lock Ring, 4-Arrow Gold Color Acetal Diverter

**FCFFM-010**
3-Way Stopcock, Female Luer to Female Luer to Male Luer, Clear Polycarbonate Body, 1-Arrow Natural HDPE Diverter

**FCHPFFMR-002**
3-Way High Pressure Stopcock, Female Luer to Female Luer to Male Luer with Luer Lock Ring, Clear Polycarbonate Body and Lock Ring, 4-Arrow Grey Color Acetal Diverter

**FCFFM-013**
3-Way Stopcock, Female Luer to Female Luer to Male Luer, Tinted Polycarbonate Body, 1-Arrow Natural HDPE Diverter

**FCHPFFMR-003**
3-Way High Pressure Stopcock, Female Luer to Female Luer to Male Luer with Luer Lock Ring, Clear Polycarbonate Body and Lock Ring, 4-Arrow Gold Color Acetal Diverter
DIVERT STOPCOCKS:
3-Way Stopcocks

FCLBFF-001
3-Way High Flow Stopcock, Female Luer to Female Luer to Male Luer, Large Bore, Natural Nylon Body, 1-Arrow Natural HDPE Diverter

FCLBFF-003
3-Way High Flow Stopcock, Female Luer to Female Luer to Bondable Socket, Large Bore, Clear Polycarbonate Body, 1-Arrow Natural HDPE Diverter

FCLBFFM-003
3-Way High Flow Stopcock, Female Luer to Female Luer to Male Luer, Large Bore, Clear Polycarbonate Body, 1-Arrow Natural HDPE Diverter

FCLBFF-1A-003
3-Way High Flow Stopcock, Female Luer to Female Luer to Male Luer, Large Bore, Clear Polycarbonate Body, 1-Arrow Natural HDPE Diverter

FCLBFFMR-1A-003
3-Way High Flow Stopcock, Female Luer to Female Luer to Male Luer with Luer Lock Ring, Large Bore, Clear Polycarbonate Body and Lock Ring, 1-Arrow Natural HDPE Diverter

VPB1000079N
3-Way Stopcock, (2) Capped Female Luer Thread Style and Capped Male Luer Lock, Polycarbonate Body, Polyethylene Handle

VPB1000062N
3-Way Stopcock, (2) Female Luer Thread Style and Male Slip Luer, Polycarbonate Body, Polyethylene Handle

DIVERT STOPCOCKS:
4-Way Stopcocks

FC4FFMR-001
4-Way Stopcock, Female Luer to Female Luer to Male Luer with Luer Lock Ring, Natural Nylon Body, Tinted Polycarbonate Lock Ring, 1-Arrow White HDPE Diverter

FC4LB3F-001
4-Way Stopcock, Female Luer on All Ports, Large Bore, Tinted Polycarbonate Body, 1-Arrow White HDPE Diverter

VPB1000099N
4-Way Stopcock, (2) Capped Female Luer Thread Style and Male Slip Luer, Polycarbonate Body, Polyethylene Handle

VPB1000110N
4-Way Stopcock, (2) Capped Female Luer Thread Style and Male Slip Luer, Polycarbonate Body, Polyethylene Handle

VPB1000110N
4-Way Stopcock, (2) Capped Female Luer Thread Style & Capped Male Luer Lock, Polycarbonate Body, Polyethylene Handle

Need Samples for Evaluation?
You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.
+1 (970) 267-5200    Toll Free: (888) 404-5837

Technical Assistance
Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support (970) 267-5200.
### BIOPROCESS

#### Fittings

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### BAG Ports

Nordson MEDICAL's new high tech series of bag ports offers a variety of benefits new to the biopharmaceutical industry through a unique design. Value Pharma™ resin holds credentials that many manufacturers deem fundamental, such as animal derivative free qualification, USP Class VI certification, and the guarantee of heat sealing and conformance with polyethylene bags. The resin then goes even further to provide a strong, 24-hour resistance to alcohol stress cracking. RENOLIT SOLMED Granuflex 4301 resin demonstrates lower leachable levels and high purity.

Their unique design sets these ports apart from existing solutions. The most notable of the bag ports’ specifications are the parabolic lead and the alignment ribs. These two features, respectively, reduce the amount of time it takes to drain a bag by up to 24 percent and improve flow dynamics through the port.

#### Features & Benefits:

**Compliant to ASME BPE Ferrule Specification**
- Works with leading industry single-use bags

**Barb Sizes Consist of Range From 1/8” (3.2 mm) to 1” (25.4 mm)**
- Works with the frequently utilized tubing sizes found in the pharmaceutical industry

**Sanitary TC Ports Available in 1-1/2” (38.1 mm) and 3” (76.2 mm)**
- Allows the option to connect directly to sanitary TC fittings

**Opposing Barb Ports Available in 3/16” (4.8 mm) to 3/4” (19.0 mm) Hose Barb**
- Ideal for dip tubes

**Parabolic Lead**
- Reduces the time it takes to drain a bag by 17 to 24%
- Similar results for both fluid and powder applications

**Alignment Ribs**
- Improves fluid dynamics of flow through the port

**Value Pharma™ Resin**
- Ensures heat sealing with polyethylene bags
- Includes a USP Class VI certification
- Animal derivative free
- Resistant to alcohol stress cracking

RENOLIT SOLMED Granuflex 4301 Resin
- Demonstrates lower leachable levels and high purity
**BIOPROCESSING FITTINGS**

**BAG PORTS:**

600 Series Barb Style

**SFBP630 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene**
Bag Port with 600 Series Barb, 1/8” (3.2 mm) Tubing ID

**SFBP655 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene**
Bag Port with 600 Series Barb, 1/4” (6.4 mm) Tubing ID

**SFBP670 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene**
Bag Port with 600 Series Barb, 3/8” (9.5 mm) Tubing ID

**SFBP680 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene**
Bag Port with 600 Series Barb, 1/2” (12.7 mm) Tubing ID

**SFBP6100 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene**
Bag Port with 600 Series Barb, 3/4” (19.0 mm) Tubing ID

**SFBP6110 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene**
Bag Port with 600 Series Barb, 1” (25.4 mm) Tubing ID

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**Need More Details?**
Check out all of our Bag Ports at www.nordsonmedical.com or contact Sales at FMF-sales@nordsonmedical.com.

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**Need it Fast?**
You can order any of our 9,600+ parts online now with no order $ minimums, 24 hours a day, 7 days a week! www.nordsonmedical.com

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Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there’s a new product you think Nordson MEDICAL should make, please send us an Email at designcenter@nordsonmedical.com describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 10 for more information on the Design Center!

Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings. www.nordsonmedical.com

Need More Details?

Check out all of our bioprocessing components at www.nordsonmedical.com or contact Sales at FMF-sales@nordsonmedical.com.
OPPOSING Barb Ports

Nordson MEDICAL now offers the biomedical market opposing barb ports. The larger ports can be used in filling applications, and they are also ideally suited to work with sensors.

Features & Benefits:
- Easy to heat seal into film material
- Can be used in filling applications
- Port plates featuring Value Pharma™ or Granuflex resin
- Works great with silicone and TPE style tubing
- Better tube retention
- 600 Series barb sizes
- Animal-free polyethylene
- Materials meet USP Class VI criteria and are ADF compliant
- Fits tubing sizes from 3/16” to 3/4”

OPPOSING BARB PORTS:
600 Series Barb Style

SFBP635/635 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene
Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 3/16” (4.8 mm) Tubing ID

SFBP655/655 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene
Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 1/4” (6.4 mm) Tubing ID

SFBP670/670 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene
Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 3/8" (9.5 mm) Tubing ID

SFBP680/680 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene
Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 1/2” (12.7 mm) Tubing ID

SFBP6100/6100 (-VP1 -CM056) Value Pharma™ Resin, Granuflex Polyethylene
Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 3/4” (19.0 mm) Tubing ID

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BioClamp® plastic quick-release clamps are specifically designed to meet the needs of busy pharmaceutical and bioprocessing laboratories, offering full flexibility in single-use applications. The clamp is lightweight and easy for technicians to install and provides for quick and convenient assembly release.

Features & Benefits:
- Can be SIP repeatedly
- Can be autoclaved repeatedly at 134°C for 5 minutes
- Can be subjected to 40 kiloGrays without weakening
- Reduced distortion on polymeric components
- More compatible with current manufacturing than steel
- Greater flexibility in operation
- Single-use disposal
- Applications
  - Bioprocessing
  - Single-use technology (SUS)
  - Drug discovery and development
  - Fluid transport
  - Pharmaceutical scale up
  - Sterile bag systems

Specifications:
Materials: Glass reinforced Nylon 66
Max. Operating Pressure: 150 psig
Max. Cumulative Gamma Dose: 40 kiloGrays
USP Class VI Certified Materials

Due to size we are not able to display all large BioClamp® fittings. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

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- Can be subjected to 40 kiloGrays without weakening
- Reduced distortion on polymeric components
- More compatible with current manufacturing than steel
- Greater flexibility in operation
- Single-use disposal
- Applications
  - Bioprocessing
  - Single-use technology (SUS)
  - Drug discovery and development
  - Fluid transport
  - Pharmaceutical scale up
  - Sterile bag systems

Specifications:
Materials: Glass reinforced Nylon 66
Max. Operating Pressure: 150 psig
Max. Cumulative Gamma Dose: 40 kiloGrays
USP Class VI Certified Materials

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The BioValve® pinch valve is a precision restriction flow controller and shut-off valve for silicone tubing used in bioprocessing and pharmaceutical manufacturing applications.

Features & Benefits:
- Can be SIP repeatedly
- Can be autoclaved repeatedly at 134°C for 5 minutes
- Can be subjected to 40 kiloGrays without weakening
- Can be calibrated to minimize flow path turbulence
- Can be used with one hand
- Thread pitch is calibrated to 2 mm per turn

Specifications:
Materials: Glass reinforced Nylon 66
Tubing Sizes: 1/4” to 1” OD
Max. Operating Pressure: 150 psig
Max. Cumulative Gamma Dose: 40 kiloGrays
USP Class VI Certified Materials

Looking for Something Different?
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If there's a new product you think Nordson MEDICAL should make, please send us an Email at designcenter@nordsonmedical.com describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 10 for more information on the Design Center!
GASKETS

Material options include Class VI compliant PTFE/EPDM and platinum-cured silicone in gasket sizes that fit both the 1-½” (Maxi) and the ¾” (Mini) Flange Series. Keeping customer requirements in mind, these components were manufactured for applications requiring the highest sanitary standards and chemical purity.

GMN450 (-PX) Platinum-Cured Silicone
Molded Gasket for Mini Flange SFMN Series Fittings

G42MPGR-TF075 (-E) PTFE
Molded Tuf-Flex® Gasket for Mini Flange SFMN Series Fittings

GMX455 (-PX) Platinum-Cured Silicone
Molded Gasket for Maxi Flange SFMX Series Fittings

G40MPGR-TF150 (-E) PTFE
Molded Tuf-Flex® Gasket for Maxi Flange SFMX Series Fittings

G424TRX-0200 Platinum-Cured Silicone
Molded Gasket for 2” Flange Fittings

G424TRX-0300 Platinum-Cured Silicone
Molded Gasket for 3” Flange Fittings

GASKETS:
Mini and Maxi Flange Accessories

Need More Details?
Check out all of our bioprocessing components at www.nordsonmedical.com or contact Sales at FMF-sales@nordsonmedical.com.

Custom Assembly
We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.
GASKETS:
Mini and Maxi Flange Accessories

GM4749TRX-0600 Platinum-Cured Silicone
Molded Gasket for 6" Flange Fittings

GASKETS:
Platinum-Cured Silicone Gaskets

G40GG1-PX-150 Platinum-Cured Silicone
Molded Gauge Guard Isolator Gasket, 1.5"

G40RX-PX-0250 Platinum-Cured Silicone
Molded Gasket, 2.5"

G40RX-PX-0400 Platinum-Cured Silicone
Molded Gasket, 4"

GASKETS:
Platinum-Cured Silicone Gaskets
Nordson MEDICAL is proud to introduce the first all-in-one manifold for pharmaceutical and single-use biopharmaceutical fluid transfer applications. The revolutionary design of this patent-pending, compact fitting not only saves space, but also simplifies use and assembly. With five ports available in one component, gone are the many leak points found in traditional stopcock and Y connector manifolds. Ideal for downstream processing, multiple bags can easily be filled from one large bag. Flow is consistent as it travels around the inner body of the part, maintaining a steady pressure. The large flow selector is effortless to turn, and the lock-in-place feature gives you assurance that you are utilizing the desired port.

**Features & Benefits:**
- Can accommodate up to 5 fluid lines
- Flow restricted to one port at a time
- No pressure drop as fluid moves around & through the ports
- Intuitive push-to-turn flow selector
- Easier to use and fewer leak points than stopcock and Y connector manifolds
- Materials meet USP Class VI & ISO 10993 criteria
- Gamma radiation stable
- Can be daisy chained for additional ports
- Arrows to provide a clear indication of how to turn the flow selector and which port is in use
- Etched data code for easy access to product resources and material information

**Specifications:**
**Materials:** Body & flow selector - gamma stable polycarbonate, internal spring - 316 stainless steel, gasket - platinum-cured silicone

**Operating Pressure:** 15psi (1.0 bar)

**Fits Tubing IDs:** 3/8" (9.5 mm)

**Barb Size:** 600 series

---

**CYLINDRAFLOW:**
Manifolds

FMD5P670-001
Flow Manifold Director with 600 Series Barbs, 5 Output, 3/8" (9.5 mm) Tubing IDs, Polycarbonate
The biopharmaceutical industry has made a strong move towards single-use technology, so Nordson MEDICAL has developed ground-breaking clamp designs that simplify the assembly process. Effortlessly and securely attach sanitary fittings to bag ports and filters with PharmaLok™ Easy-Open Clamps, and close off flow with PharmaLok™ Tube Clamps.

Nordson MEDICAL’s PharmaLok™ clamps are ASME BPE compliant. Single-use and easy-open clamp sizes include .5” to .75” and 1” to 1.5”.

PharmaLok™ clamps provide a significant advancement for the industry, as a number of existing solutions either require tools for closure or consist of multiple components, which turns what should be a simple operation into a difficult and awkward process.

Easily operated with one hand, PharmaLok’s patented design allows effortless attachment of fittings to bag ports and filters. The user simply rests the fitting in the PharmaLok’s regulation-sized slot, lightly grips the surrounding handles, and listens for the sound of clicks to confirm a secure connection.

**Easy, 2 Click Closure**

**360° Compression**

**Single-Use Clamps & Easy-Open Clamps**

**Features & Benefits:**
- ASME BPE 018 DT-7-1 compliant & DIN compliant
- Easy to use, one-handed closure - no tools needed
- Repeatable use with constantly equal pressure on the gasket
- Tamper evident and zip tie compatible
- 360° compression
- Connects both plastic and stainless steel fittings
- SIP/CIP compatible

**Applications**
- Bioprocessing
- Single-use technology (SUS)
- Drug discovery and development
- Fluid transport
- Pharmaceutical scale up
- Sterile bag systems

**Specifications:**

**Materials:** Zyrel® FGFE5171 glass-filled nylon certified to USP Class VI & ISO 10993 and available in white, blue, or orange

**Temperature & Sterilization Specifications:**
- Normal operating temperature -94°F (-70°C) to 140°F (60°C)
- Cryogenic freezing to -112°F (-80°C)
- Autoclavable up to 273°F (134°C) for a maximum of 30 min.
- Gamma radiation up to 50 kGy

**Maximum Pressure:** 80 psi (conforms to ASME BPE-2014 PM-4.2.2)

**Sizes:** Fitting .5” (12.7 mm) to .75” (19.0 mm) and 1” (25.4 mm) to 1.5” (31.8 mm)
PHARMALOK SERIES:
Easy-Open Clamps

**CPAX150 (-U71)**
PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version
1" (25.4 mm) to 1.5" (38.1 mm), Glass Reinforced White Nylon

**CPAN75 (-U71)**
PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version
.5" (12.7 mm) to .75" (19.0 mm), Glass Reinforced White Nylon

**CPAX150 (-U75)**
PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version
1" (25.4 mm) to 1.5" (38.1 mm), Glass Reinforced Blue Nylon

**CPAN75 (-U75)**
PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version
.5" (12.7 mm) to .75" (19.0 mm), Glass Reinforced Blue Nylon

**CPAX150 (-U706)**
PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version
1" (25.4 mm) to 1.5" (38.1 mm), Glass Reinforced Orange Nylon

**CPAN75 (-U706)**
PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version
.5" (12.7 mm) to .75" (19.0 mm), Glass Reinforced Orange Nylon
PHARMALOK SERIES:
Single-Use Clamps

**CPX150 (-U71)**
Single-Use Series Clamp, TC Version 1” (25.4 mm) to 1.5” (38.1 mm)

**CPN75 (-U71)**
Single-Use Series Clamp, TC Version .5” (12.7 mm) to .75” (19.0 mm)

These clamps are specifically designed to work with Nordson MEDICAL’s SF Series sanitary fitting Mini and Maxi flanges, as well as related caps and gaskets.

Part Drawings Online!
Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.
www.nordsonmedical.com

Need it Fast?
You can order any of our 9,600+ parts online now with no order $ minimums, 24 hours a day, 7 days a week!
www.nordsonmedical.com

Looking for Something Different?
Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there’s a new product you think Nordson MEDICAL should make, please send us an Email at designcenter@nordsonmedical.com describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 10 for more information on the Design Center!
Tube Clamps

Features & Benefits:
- Designed for use with silicone and TPE tubing
- Easy to use, one-handed closure - no tools needed
- Tamper evident and zip tie compatible

Specifications:
Materials: Zytel® FGFE5171 glass-filled nylon certified to USP Class VI & ISO 10993 and available in white
Temperature & Sterilization Specifications:
- Normal operating temperature: -94°F (-70°C) to 140°F (60°C)
- Cryogenic freezing: to -112°F (-80°C)
- Autoclavable up to 273°F (134°C) for a maximum of 30 min.
- Gamma radiation up to 50 kGy

Maximum Pressure: Up to 150 psi

Thin-Walled Tube Clamp Size: Wall thickness 1/32” (0.79 mm) to 3/32” (2.38 mm), Max OD 1/2” (12.7 mm)
Tube Clamp Size: Wall thickness 1/8” (3.2 mm) to 1/4” (6.4 mm), Max OD 1” (25.4 mm)
Large Tube Clamp Size: Wall thickness 1/8” (3.2 mm) to 1/4” (6.4 mm), Max OD 2.5” (63.5 mm)

Need it Fast?
You can order any of our 9,600+ parts online now with no order $ minimums, 24 hours a day, 7 days a week!
www.nordsonmedical.com

Technical Assistance
Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support (970) 267-5200.
PHARMALOK SERIES:
Tube Clamps

CPT110 (-U71)
PharmaLok™ Large Tube Clamp, Wall Thickness 1/8” (3.2 mm) to 1/4” (6.4 mm), Max OD 2.5” (63.5 mm), Glass-Filled White Nylon

Custom Assembly
We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

Need More Details?
Check out all of our bioprocessing components at www.nordsonmedical.com or contact Sales at FMF-sales@nordsonmedical.com.
Nordson MEDICAL has developed a more robust alternative for bioprocessing needs with the RQC Series and RQX Series offering a cost effective solution for flexible tubing connections in single use systems. The connector set is best in fit, form and function, and features a user-friendly interface that includes a large guarded button for a secure lock to guard against disconnects, and lofted lead-in for improved ease of connection. The more reliable locking feature gives you peace of mind knowing your connection is secure.

Features & Benefits:
- Materials meet USP Class VI and ISO 10993 criteria
- Several connector configurations available in commonly used polypropylene and polycarbonate materials
- Large ergonomic button and thumb pad with secure latch and optional integrated locking mechanism
- Platinum-cured silicone o-rings
- Plugs and caps available to maintain fluid path integrity
- Supports cryogenic applications to -60°C

Specifications:
- Materials: Polypropylene (-6005-001), Tinted Polycarbonate (-9024-001)
- Sterilization: Gamma radiation stable, EtO compatible, autoclavable to 121°C for up to 20 minutes
- Testing: Bioburden, Cytotoxicity, Extractables
- RQC Series Tubing Sizes: 1/4" (6.4 mm) and 3/8" (9.5 mm) tubing IDs
- RQX Series Tubing Sizes: 3/8" (9.5 mm) and 1/2" (12.7 mm) tubing IDs

RQC SERIES: Quick Connects

RQCFL55 (-9024 -001)
RQCFL55 (-6005 -001)
Female Open Flow, 600 Series Barb, 3/8" (9.5 mm) ID Tubing

RQC670 (-9024 -001)
RQC670 (-6005 -001)
Female Open Flow, 600 Series Barb, 1/4" (6.4 mm) ID Tubing

RQCFL655 (-9024 -001)
RQCFL655 (-6005 -001)
Female Open Flow, 600 Series Barb, 1/4" (6.4 mm) ID Tubing, Locking Feature

RQCFL670 (-9024 -001)
RQCFL670 (-6005 -001)
Female Open Flow, 600 Series Barb, 3/8" (9.5 mm) ID Tubing, Locking Feature

RQCMP (-9024 -001)
RQCMP (-6005 -001)
Male Plug
## Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.

+1 (970) 267-5200    Toll Free: (888) 404-5837

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### RQX SERIES:
**Quick Connects**

#### RQXF670 (-9024 -001) RQXF670 (-6005 -001)
Female Open Flow, 600 Series Barb, 3/8” (9.5 mm) ID Tubing

#### RQXF680 (-9024 -001) RQXF680 (-6005 -001)
Female Open Flow, 600 Series Barb, 1/2” (12.7 mm) ID Tubing

#### RQXFL670 (-9024 -001) RQXFL670 (-6005 -001)
Female Open Flow, 600 Series Barb, 3/8” (9.5 mm) ID Tubing, Locking Feature

#### RQXFL680 (-9024 -001) RQXFL680 (-6005 -001)
Female Open Flow, 600 Series Barb, 1/2” (12.7 mm) ID Tubing, Locking Feature

#### RQXM670 (-9024 -001) RQXM670 (-6005 -001)
Platinum-Cured Silicone O-Ring
Male Open Flow, 600 Series Barb, 3/8” (9.5 mm) ID Tubing

#### RQXM680 (-9024 -001) RQXM680 (-6005 -001)
Platinum-Cured Silicone O-Ring
Male Open Flow, 600 Series Barb, 1/2” (12.7 mm) ID Tubing

#### RQXFC (-9024 -001) RQXFC (-6005 -001)
Female Cap

#### RQXFLC (-9024 -001) RQXFLC (-6005 -001)
Female Cap, Locking Feature

#### RQXMP (-9024 -001) RQXMP (-6005 -001)
Platinum-Cured Silicone O-Ring
Male Plug
BIOPROCESSING FITTINGS

SF Series
Sanitary Fittings

The SF Series sanitary fittings are based on design concepts calling for a heavy-duty part with superior side load strength, while providing superior flow-through characteristics, making them the connectors of choice for single-use bioprocesses. Pharmaceutical professionals find these plastic fittings offer all the benefits of disposable parts while offering performance capabilities not found in earlier versions of flanged fittings.

Features & Benefits:
- Animal-free materials: No BSE documentation required
- Radiused flow surfaces: Smooth uninterrupted flow
- “Mini” & “Maxi” sizes: Easy to retrofit current operations, works with commercially available biopharm clamps
- No Particulate build-up: Interior surface controlled to 15 Ra microinch

Specifications:
Materials: Animal-Free Polypropylene, Natural PVDF
Tubing ID Sizes: 1/4", 3/8", 1/2", 3/4", 1"
Leak Resistance: Tested at 80 psi air under water for 90 seconds with no leaks
Tubing Removal Force:
- 1/4" PP with C-Flex® shore A tubing: 21 lbs.
- 1/2" PP with C-Flex® shore A tubing: 89 lbs.
- 1" PP with C-Flex® shore A tubing: 121 lbs.
Interior Surface Finish: 15 Ra Microinch

Technical Assistance
Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support (970) 267-5200.
SANITARY FITTINGS:
Maxi Flange

**SFMX655 (-6005 -J1A)**
Sanitary Fitting, Maxi Flange 1-1/2” to 600 Series Barb, 1/4” (6.4 mm) Tubing ID

**SFMX670 (-6005 -J1A)**
Sanitary Fitting, Maxi Flange 1-1/2” to 600 Series Barb, 3/8” (9.5 mm) Tubing ID

**SFMX680 (-6005 -J1A)**
Sanitary Fitting, Maxi Flange 1-1/2” to 600 Series Barb, 1/2” (12.7 mm) Tubing ID

**SFMX6100 (-6005 -J1A)**
Sanitary Fitting, Maxi Flange 1-1/2” to 600 Series Barb, 3/4” (19.0 mm) Tubing ID

**SFMX6110 (-6005 -J1A)**
Sanitary Fitting, Maxi Flange 1-1/2” to 600 Series Barb, 1.0” (25.4 mm) Tubing ID

**SFMXC (-6005 -J1A)**
Sanitary Fitting Maxi Cap 1-1/2”

Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
SF Series Instrument Tees work well with existing pharmaceutical instrumentation and are available in 1/2" and 1" tubing IDs. Critical to a successful single-use implementation, the fittings work for pressure testing, fluid transfer, and filtration applications. The configuration is a standard 1.5" TC style interface on the instrument side and tee style for the fluid path. The fittings also utilize Nordson MEDICAL’s popular 600 series barb, which is ideally suited for silicone and TPE tubing.

### SF Series Instrument Tees

**Features & Benefits:**
- Works with existing pharmaceutical instrumentation
- Single-use technology
- ASME BPE compliant interface on the instrument side
- Tee style for the fluid path
- 600 series barb
- Common industry materials

**Specifications:**

**Materials:** Animal-Free Polyethylene, RENOLIT SOLMED Granuflex 4301 resin

**Tubing Sizes:** 1/2" and 1" tubing IDs

**Configuration:** 1.5" TC style

### INSTRUMENT TEES:

**Maxi Flange**

- **SFMXT680 (-VP1) Value Pharma™ Resin**
  Sanitary Fitting Instrument Tee, Maxi Flange to 600 Series Barb, 1/2" (12.7 mm) Tubing ID

- **SFMXT6110 (-VP1) Value Pharma™ Resin**
  Sanitary Fitting Instrument Tee, Maxi Flange to 600 Series Barb, 1" (25.4 mm) Tubing ID

A Quality Stainless Steel Alternative

SF Series Instrument Tees ship with an optional isolator that system integrators and assembly houses can heat seal into the TC side. Adding one of Nordson MEDICAL’s end caps and a PharmaLok™ Easy-Open Clamp completes the assembly and makes it ready for sterilization and shipment to end user facilities.
## TUBE-TO-TUBE

**Connectors**

### Did You Know?**
You can find smaller Tube-To-Tube fittings for your application needs starting on Pg-22.

### LARGE TUBE-TO-TUBE: Straight Through

**Reference part shown: N670**

Due to size we are not able to display all large Tube-To-Tube connectors. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

#### N070/055 (-0 -6005 -9)
Straight Through Connector with 500 Series Barbs, 3/8” (9.5 mm) and 1/4” (6.4 mm) ID Tubing

#### N670/655 (-6005 -9 -J1A)
Straight Through Reduction Connector with 600 Series Barbs, 3/8” (9.5 mm) and 1/4” (6.4 mm) ID Tubing

#### N080/055 (-0 -6005 -9)
Straight Through Reduction Connector with 500 Series Barbs, 1/2” (12.7 mm) and 1/4” (6.4 mm) ID Tubing

#### N680/655 (-6005 -9 -J1A)
Straight Through Reduction Connector with 600 Series Barbs, 1/2” (12.7 mm) and 1/4” (6.4 mm) ID Tubing

#### N090/055 (-0 -6005)
Straight Through Reduction Connector with 500 Series Barbs, 5/8” (16.0 mm) and 1/4” (6.4 mm) ID Tubing

#### N690/655 (-6005 -9)
Straight Through Reduction Connector with 600 Series Barbs, 5/8” (16.0 mm) and 1/4” (6.4 mm) ID Tubing

#### N090/070 (-0 -6005 -9)
Straight Through Reduction Connector with 500 Series Barbs, 1/2” (12.7 mm) and 3/8” (9.5 mm) ID Tubing

#### N690/670 (-6005 -9)
Straight Through Reduction Connector with 600 Series Barbs, 5/8” (16.0 mm) and 3/8” (9.5 mm) ID Tubing

#### N100/080 (-0 -6005)
Straight Through Reduction Connector with 500 Series Barbs, 3/4” (19.0 mm) and 1/2” (12.7 mm) ID Tubing

#### N6100/680 (-6005)
Straight Through Reduction Connector with 600 Series Barbs, 3/4” (19.0 mm) and 1/2” (12.7 mm) ID Tubing

#### N110/100 (-0 -6005)
Straight Through Reduction Connector with 500 Series Barbs, 1” (25.4 mm) and 3/4” (19.0 mm) ID Tubing

#### N6110/6100 (-6005 -9)
Straight Through Reduction Connector with 600 Series Barbs, 1” (25.4 mm) and 3/4” (19.0 mm) ID Tubing

**Due to size we are not able to display all large Tube-To-Tube connectors. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.**

**Reference part shown: N070/013**

Did You Know?

You can find smaller Tube-To-Tube fittings for your application needs starting on Pg-22.

**LARGE TUBE-TO-TUBE: Straight Through**

#### N070/013 (-0 -6005 -9 -9002 -J1A)
Straight Through Reduction Connector with 500 Series Barbs, 3/8” (9.5 mm) and 1/8” (3.2 mm) ID Tubing

#### N670/655 (-6005 -9 -J1A)
Straight Through Reduction Connector with 600 Series Barbs, 3/8” (9.5 mm) and 1/4” (6.4 mm) ID Tubing

#### N080/070 (-0 -6005 -9)
Straight Through Reduction Connector with 500 Series Barbs, 1/2” (12.7 mm) and 3/8” (9.5 mm) ID Tubing

#### N680/670 (-6005 -9)
Straight Through Reduction Connector with 600 Series Barbs, 1/2” (12.7 mm) and 3/8” (9.5 mm) ID Tubing

#### N090/080 (-0 -6005 -9)
Straight Through Reduction Connector with 500 Series Barbs, 5/8” (16.0 mm) and 1/4” (6.4 mm) ID Tubing

#### N690/680 (-6005)
Straight Through Reduction Connector with 600 Series Barbs, 5/8” (16.0 mm) and 3/8” (9.5 mm) ID Tubing

#### N100/090 (-0 -6005 -9)
Straight Through Reduction Connector with 500 Series Barbs, 3/4” (19.0 mm) and 3/8” (9.5 mm) ID Tubing

#### N6100/690 (-6005)
Straight Through Reduction Connector with 600 Series Barbs, 3/4” (19.0 mm) and 3/8” (9.5 mm) ID Tubing

#### N110/100 (-0 -6005)
Straight Through Reduction Connector with 500 Series Barbs, 1” (25.4 mm) and 3/4” (19.0 mm) ID Tubing

#### N6110/6100 (-6005 -9)
Straight Through Reduction Connector with 600 Series Barbs, 1” (25.4 mm) and 3/4” (19.0 mm) ID Tubing

**Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!**
LARGE TUBE-TO-TUBE:
Elbow

Reference part shown: L070

Due to size we are not able to display all large Tube-To-Tube connectors. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

L070 (-0 -6005)
Elbow Connector with 500 Series Barbs, 3/8” (9.5 mm) ID Tubing

L970 (-9)
Elbow Connector with 900 Series Barbs, 3/8” (9.5 mm) ID Tubing

L080 (-0 -6005)
Elbow Connector with 500 Series Barbs, 1/2” (12.7 mm) ID Tubing

L975 (-9)
Elbow Connector with 900 Series Barbs, 1/2” (12.7 mm) ID Tubing

L090 (-0 -6005)
Elbow Connector with 500 Series Barbs, 5/8” (16.0 mm) ID Tubing

L100 (-0 -6005)
Elbow Connector with 500 Series Barbs, 3/4” (19.0 mm) ID Tubing

L110 (-0 -6005)
Elbow Connector with 500 Series Barbs, 1” (25.4 mm) ID Tubing

L6110 (-6005)
Elbow Connector with 600 Series Barbs, 1” (25.4 mm) ID Tubing

CF494 (-6 -6005)
Low-profile Elbow Connector with Custom 600 Series Barbs, 1” (25.4 mm) ID Tubing

Need More Details?
Check out all of our bioprocessing components at www.nordsonmedical.com or contact Sales at FMF-sales@nordsonmedical.com.

Custom Assembly
We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

LARGE TUBE-TO-TUBE:
Elbow Reducer

Reference part shown: L070/055

Due to size we are not able to display all large Tube-To-Tube connectors. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

L070/055 (-0 -6005)
Elbow Reduction Connector with 500 Series Barbs, 3/8” (9.5 mm) and 1/4” (6.4 mm) ID Tubing

L080/070 (-0 -6005)
Elbow Reduction Connector with 500 Series Barbs, 1/2” (12.7 mm) and 3/8” (9.5 mm) ID Tubing

L100/080 (-0 -6005)
Elbow Reduction Connector with 500 Series Barbs, 3/4” (19.0 mm) and 1/2” (12.7 mm) ID Tubing

L110/100 (-0 -6005)
Elbow Reduction Connector with 500 Series Barbs, 1” (25.4 mm) and 3/4” (19.0 mm) ID Tubing
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<th>Reference part shown: T070</th>
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<td>Due to size we are not able to display all large Tube-To-Tube connectors. Please see <a href="http://www.nordsonmedical.com">www.nordsonmedical.com</a> for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.</td>
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<td>Tee Connector with 500 Series Barbs, 3/8” (9.5 mm) ID Tubing</td>
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<td>T670 (-1 -6005 -9 -J1A)</td>
<td>Tee Connector with 600 Series Barbs, 3/8” (9.5 mm) ID Tubing</td>
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<td>T970 (-9)</td>
<td>Tee Connector with 900 Series Barbs, 3/8” (9.5 mm) ID Tubing</td>
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<td>T080 (-0 -6005 -9)</td>
<td>Tee Connector with 500 Series Barbs, 1/2” (12.7 mm) ID Tubing</td>
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<tr>
<td>T680 (-6005 -9 -J1A)</td>
<td>Tee Connector with 600 Series Barbs, 1/2” (12.7 mm) ID Tubing</td>
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<td>T975 (-9)</td>
<td>Tee Connector with 900 Series Barbs, 1/2” (12.7 mm) ID Tubing</td>
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<td>T690 (-6005 -9)</td>
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<td>Tee Connector with 600 Series Barbs, 3/4” (19.0 mm) ID Tubing</td>
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<tr>
<td>T110 (-0 -6005)</td>
<td>Tee Connector with 500 Series Barbs, 1” (25.4 mm) ID Tubing</td>
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<tr>
<td>T6110 (-6005)</td>
<td>Tee Connector with 600 Series Barbs, 1” (25.4 mm) ID Tubing</td>
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<td>T110/100 (-0 -6005)</td>
<td>Tee Reduction Connector with 500 Series Barbs, 1” (25.4 mm) and 3/4” (19.0 mm) ID Tubing</td>
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<tr>
<td>T670/655 (-6005)</td>
<td>Tee Reduction Connector with 600 Series Barbs, 3/8” x 2 (9.5 mm) and 1/4” (6.4 mm) ID Tubing</td>
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<tr>
<td>T680/655 (-6005)</td>
<td>Tee Reduction Connector with 600 Series Barbs, 1/2” x 2 (12.7 mm) and 1/4” (6.4 mm) ID Tubing</td>
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<tr>
<td>T680/670 (-6005)</td>
<td>Tee Reduction Connector with 600 Series Barbs, 1/2” x 2 (12.7 mm) and 3/8” (9.5 mm) ID Tubing</td>
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<td>T6100/670 (-6005)</td>
<td>Tee Reduction Connector with 600 Series Barbs, 3/4” x 2 (19.0 mm) and 3/8” (9.5 mm) ID Tubing</td>
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<td>T6100/680 (-6005)</td>
<td>Tee Reduction Connector with 600 Series Barbs, 3/4” x 2 (19.0 mm) and 1/2” (12.7 mm) ID Tubing</td>
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<td>T6110/6100 (-6005)</td>
<td>Tee Reduction Connector with 600 Series Barbs, 1” x 2 (25.4 mm) and 3/4” (19.0 mm) ID Tubing</td>
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**LARGE TUBE-TO-TUBE:**

**Y**

Reference part shown: Y070

Due to size we are not able to display all large Tube-To-Tube connectors. Please see www.nordsonmedical.com for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

- **Y070 (-0-6005-9)**
  Y Connector with 600 Series Barbs, 3/8" (9.5 mm) ID Tubing

- **Y670 (-6005-J1A)**
  Y Connector with 600 Series Barbs, 3/8" (9.5 mm) ID Tubing

- **Y080 (-0-6005-9)**
  Y Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

- **Y680 (-6005-J1A)**
  Y Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

- **Y090 (-0-6005-J1A)**
  Y Connector with 500 Series Barbs, 5/8" (16.0 mm) ID Tubing

- **Y690 (-6005)**
  Y Connector with 600 Series Barbs, 5/8" (16.0 mm) ID Tubing

- **Y100 (-0-6005-J1A)**
  Y Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

- **Y6100 (-6005)**
  Y Connector with 600 Series Barbs, 3/4" (19.0 mm) ID Tubing

- **Y110 (-0-6005)**
  Y Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

- **Y6110 (-6005)**
  Y Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

**Y630/655 (-6005)**

Y Reduction Connector with 600 Series Barbs, 1/8" x 2 (3.2 mm) and 1/4" (6.4 mm) ID Tubing

**Y655/670 (-6005)**

Y Reduction Connector with 600 Series Barbs, 1/4" x 2 (6.4 mm) and 3/8" (9.5 mm) ID Tubing

**Y670/680 (-6005)**

Y Reduction Connector with 600 Series Barbs, 3/8" x 2 (9.5 mm) and 1/2" (12.7 mm) ID Tubing

**Y6100/6110 (-6005)**

Y Reduction Connector with 600 Series Barbs, 3/4" x 2 (19.0 mm) and 1" (25.4 mm) ID Tubing

**Technical Assistance**

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support (870) 267-5200.
Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
Tuohy Borst adapters are designed to facilitate catheter introduction and are intended for interventional and diagnostic procedures where fluid backflow is a concern.

Tuohy Borst adapters are available in convenient bag sizes of 100 and 25 with larger sizes attainable on request and lower minimum order quantities to suit your needs.

Features & Benefits:
- Male luer terminations that comply with EN/ISO standards
- With and without side ports for delivering medication
- Cap does not remove at fully opened position
- Leak proof seal during interventional and diagnostic procedures
- Materials: clear PVC, silicone adult gaskets, and Kraton pediatric gaskets
- Gasket through hole ID from 0.025” to 0.100”
- Different cap color options

Looking for Something Different?
Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there’s a new product you think Nordson MEDICAL should make, please send us an Email at designcenter@nordsonmedical.com describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 10 for more information on the Design Center!
### TBA SERIES:
**Adult Without Side Port**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Drawing</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBA2025-003</td>
<td>Tuohy Borst Adapter without Side Port, 9 Fr Clear PVC Body, Blue Triax Cap, 0.025&quot; ID Silicone Gasket</td>
<td><img src="image1" alt="TBA2025-003" /></td>
</tr>
<tr>
<td>TBA2025-004</td>
<td>Tuohy Borst Adapter without Side Port, 9 Fr Clear PVC Body, Clear PVC Cap, 0.025&quot; ID Silicone Gasket</td>
<td><img src="image2" alt="TBA2025-004" /></td>
</tr>
<tr>
<td>TBA2040-002</td>
<td>Tuohy Borst Adapter without Side Port, Clear PVC Body, Blue Triax Cap, 0.040&quot; ID Silicone Gasket</td>
<td><img src="image3" alt="TBA2040-002" /></td>
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<tr>
<td>TBA2052-002</td>
<td>Tuohy Borst Adapter without Side Port, Clear PVC Body, Blue Triax Cap, 0.052&quot; ID Silicone Gasket</td>
<td><img src="image4" alt="TBA2052-002" /></td>
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<tr>
<td>TBA2062-002</td>
<td>Tuohy Borst Adapter without Side Port, Clear PVC Body, Blue Triax Cap, 0.062&quot; ID Silicone Gasket</td>
<td><img src="image5" alt="TBA2062-002" /></td>
</tr>
<tr>
<td>TBA2081-002</td>
<td>Tuohy Borst Adapter without Side Port, Clear PVC Body, Blue Triax Cap, 0.081&quot; ID Silicone Gasket</td>
<td><img src="image6" alt="TBA2081-002" /></td>
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### TBA SERIES:
**Pediatric Without Side Port**

<table>
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<tr>
<th>Part Number</th>
<th>Description</th>
<th>Drawing</th>
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<tr>
<td>TBA3084-001</td>
<td>Pediatric Tuohy Borst Adapter without Side Port, Clear PVC Body, Red Cap, 0.084&quot; ID Natural Kraton Gasket</td>
<td><img src="image7" alt="TBA3084-001" /></td>
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<tr>
<td>TBA3084-002</td>
<td>Pediatric Tuohy Borst Adapter without Side Port, Clear PVC Body, Blue Cap, 0.084&quot; ID Natural Kraton Gasket</td>
<td><img src="image8" alt="TBA3084-002" /></td>
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### TBA SERIES:
**Adult With Side Port**

<table>
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<tr>
<th>Part Number</th>
<th>Description</th>
<th>Drawing</th>
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<tr>
<td>TBA4030P-003</td>
<td>Tuohy Borst Adapter with Side Port, Clear PVC Body, Blue Triax Cap, Pellethane Tubing, 0.030&quot; ID Silicone Gasket, Acetal Mini-Clamp, Clear PVC Female Luer, and SS Washer</td>
<td><img src="image9" alt="TBA4030P-003" /></td>
</tr>
<tr>
<td>TBA4030P-004</td>
<td>Tuohy Borst Adapter with Side Port, Clear PVC Body, Blue Triax Cap, 0.030&quot; ID Silicone Gasket, Pellethane Tubing, Clear PVC Female Luer, Acetal Mini Clamp, HDPE and Teflon Washers</td>
<td><img src="image10" alt="TBA4030P-004" /></td>
</tr>
<tr>
<td>TBA3084-002</td>
<td>Pediatric Tuohy Borst Adapter without Side Port, Clear PVC Body, Blue Cap, 0.084&quot; ID Natural Kraton Gasket</td>
<td><img src="image11" alt="TBA3084-002" /></td>
</tr>
</tbody>
</table>

### Part Drawings Online!
Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.

**[www.nordsonmedical.com](http://www.nordsonmedical.com)**

### Need it Fast?
You can order any of our 9,600+ parts online now with no order $ minimums, 24 hours a day, 7 days a week!

**[www.nordsonmedical.com](http://www.nordsonmedical.com)**

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BLOOD PRESSURE

Fittings

BPF Series Female Bayonet Style Connectors
PG-130

Bayonet Male Cuff Connectors
PG-131

Bayonet Panel Mount Connectors
PG-131

Dinamap® Monitor Adapters
PG-132

Dinamap® Cuff Connectors
PG-133

BPF Series
Blood Pressure Fittings

The BPF Series features an ergonomic design for simple one-handed operation. Easy to connect and disconnect to existing tubing, many locations are replacing their metal bayonet connectors with these light weight connectors. The BPF Series also works well with the new ISO 80369-5 limb cuff Inflation standard compliant parts. The standard defines the bayonet as the only approved design.

BPF SERIES:
Female Bayonet Style Quick Connect

BPF220 (-001) Black ABS Housing
Bayonet-Style Female Quick Connect Fitting, 200 Series Barb, 3/32” (2.4 mm) ID Tubing

works with...

BPM013  BPM240  BPM025  BPM035  BPMMTLL

BPF230 (-001) Black ABS Housing
Bayonet-Style Female Quick Connect Fitting, 200 Series Barb, 1/8” (3.2 mm) ID Tubing

works with...

BPM013  BPM240  BPM025  BPM035  BPMMTLL

BPF240 (-001) Black ABS Housing
Bayonet-Style Female Quick Connect Fitting, 200 Series Barb, 5/32” (4.0 mm) ID Tubing

works with...

BPM013  BPM240  BPM025  BPM035  BPMMTLL

BPF250 (-001) Black ABS Housing
Bayonet-Style Female Quick Connect Fitting, 200 Series Barb, 3/16” (4.8 mm) ID Tubing

works with...

BPM013  BPM240  BPM025  BPM035  BPMMTLL
**BLOOD PRESSURE:**

**Bayonet Male Cuff Connectors**

**BPM013 (-1)**
Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 1/8" (3.2 mm) ID Tubing

**BPM240 (-1)**
Blood Pressure Monitor Bayonet Connector to 200 Series Barb, 80369-5 Compliant, 5/32" (4.0 mm) ID Tubing

**BPM025 (-1)**
Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 5/32" (4.0 mm) ID Tubing

**BPM035 (-1)**
Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 3/16" (4.8 mm) ID Tubing

**BPMMTLL (-1 -5)**
Blood Pressure Monitor Bayonet Connector to Male Luer Integral Lock Ring

**BLOOD PRESSURE:**

**Bayonet Panel Mount Connectors**

**BPMB230 (-1)**
Blood Pressure Monitor Bayonet Panel Mount Connector to 200 Series Barb, 1/4-28 UNF Thread, 1/8" (3.2 mm) ID Tubing

**BPMB240 (-1)**
Blood Pressure Monitor Bayonet Panel Mount Connector to 200 Series Barb, 5/16-24 UNF Thread, 5/32" (4.0 mm) ID Tubing

**BPMB250 (-1)**
Blood Pressure Monitor Bayonet Panel Mount Connector to 200 Series Barb, 3/8-24 UNF Thread, 3/16" (4.8 mm) ID Tubing

**BLOOD PRESSURE:**

**Panel Mount Nuts**

**PMSN (-XO)**
Panel Mount Nut 1/4-28 UNF with 7/16" Hex (For use with BPMB230)

**PM3N (-XO)**
Panel Mount Nut 5/16-24 UNF Zinc-Plated Class 2 Steel Nut (For use with BPMB240)

**PM2N (-XO)**
Panel Mount Nut 3/8-24 UNF Zinc-Plated Class 2 Steel Nut (For use with BPMB250)

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**Need Samples for Evaluation?**

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.

+1 (970) 267-5200  Toll Free: (888) 404-5837

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BPL Series quick connect couplings incorporate a quarter-turn design that is commonly used in blood pressure applications – particularly in blood pressure cuffs. Strong tensile pull resistance, a resilient o-ring, and added thickness of the latch wall provide the connectors with a robust seal, ensuring a secure connection. The medical-grade ABS material also offers high durability, an operating temperature range of 0-45° C, and it can withstand bulk sterilization processes.

BPL Series fittings feature 360° of tubing rotation and fit 1/8" (3.2 mm) and 5/32" (4.0 mm) ID tubing. The ergonomic wing-grip design makes connecting and disconnecting easier, and the BPL Series is also compatible with other connectors in the market.

Part Drawings Online!
Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.
www.nordsonmedical.com

Need More Details?
BPL Series fittings are shown on PG-89-90. Check out all of our quick connect couplings at www.nordsonmedical.com or contact Sales at FMF-sales@nordsonmedical.com.
BLOOD PRESSURE:
Dinamap® Cuff Connectors

BPCL220 (-10 -81)
Blood Pressure Adapter with 5/16-24 UNF Thread and 6% Taper to
200 Series Barb, 3/32" (2.4 mm) ID Tubing

BPCL230 (-10 -81)
Blood Pressure Adapter with 5/16-24 UNF Thread and 6% Internal Taper to
200 Series Barb, 1/8" (3.2 mm) ID Tubing

BPCL240 (-10 -81)
Blood Pressure Adapter with 5/16-24 UNF Thread and 6% Internal Taper to
200 Series Barb, 5/32" (4.0 mm) ID Tubing

BPCL025 (-10)
Blood Pressure Adapter with 5/16-24 UNF Thread 6% Internal Taper to
500 Series Barb, 5/32" (4.0 mm) ID Tubing

BPC220 (-10)
Blood Pressure Adapter with 5/16-24 UNF Thread to 200 Series Barb,
3/32" (2.4 mm) ID Tubing

BPC230 (-10)
Blood Pressure Adapter with 5/16-24 UNF Thread to 200 Series Barb,
1/8" (3.2 mm) ID Tubing

BPC240 (-10)
Blood Pressure Adapter with 5/16-24 UNF Thread to 200 Series Barb,
5/32" (4.0 mm) ID Tubing

BPC025 (-10)
Blood Pressure Adapter with 5/16-24 UNF Thread to 500 Series Barb,
5/32" (4.0 mm) ID Tubing

BPC250 (-10
Blood Pressure Adapter with 5/16-24 UNF Thread to 200 Series Barb,
3/16" (4.8 mm) ID Tubing

CF229 (-1)
Neonatal Blood Pressure Slip Fit (non luer) with 200 Series Barb,
3/32" (2.4 mm) ID Tubing

CF230 (-1)
Neonatal Blood Pressure Slip Fit (non luer) with 200 Series Barb,
5/32" (4.0 mm) ID Tubing

Did You Know?
Nordson MEDICAL has an interactive PDF available online at
www.nordsonmedical.com. Access part drawings, reference charts, data sheets, and more from just one location!
The X Thread
Nordson MEDICAL X Series components have a tapered 10-32 thread that functions like a pipe thread. In comparison to standard 10-32 UNF threaded fittings, the tapered design works better with oversized ports and ports which are not perpendicular to the face of the component.

The 120 degree chamfer under the hex provides a seal when the fitting is tightened into a port with a countersink as shown below. It also seals on the thread due to interference on the pitch diameter. When using an elbow or tee, the tapered thread tightens radially and facilitates directional alignment of the barb.

Other Thread Series
K, B, C and D Series fittings, designed for use with 10-32 UNF ports, are straight-threaded components. These fittings seal against the 120 degree chamfer under the hex on the fitting and do not tighten radially as they are assembled. S Series fittings are straight threaded components for 1/4-28 UNF ports, M5 Series are for M5 x .8 ports and M6 Series are for M6 x 1 ports.

Part numbers for fittings with pipe threads are noted below. Those for use with 1/16-27 NPT ports have part numbers prefixed with 16; those for 1/8-27 NPT ports have part numbers prefixed with 18; and those for 1/4-18 NPT ports have part numbers prefixed with 14.

The features shown below must be incorporated into the port when using our B, C, D, X, K, S, M5 and M6 Series fittings. Failure to do so will jeopardize the performance of the seal between the fitting and port. For applications in which this seal is highly critical, we recommend that you contact a sealant specialist.

When working with threaded parts, Nordson MEDICAL strongly recommends that you test sample parts in your application.
Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!

**THREAD:**
10-32 UNF, Special Tapered Thread

**K10 (-1-2-6005-J1A)**
10-32 UNF Thread with 1/4” Hex to Classic Series Barb, 1/16” (1.6 mm) ID Tubing

**K210 (-1-2-3-5-6005-J1A)**
10-32 UNF Thread with 1/4” Hex to 200 Series Barb, 1/16” (1.6 mm) ID Tubing

**X10 (-1-2-6005-J1A)**
10-32 Special Tapered Thread with 1/4” Hex to Classic Series Barb, 1/16” (1.6 mm) ID Tubing

**K20 (-1-2-3-5-6005-J1A)**
10-32 UNF Thread with 1/4” Hex to 200 Series Barb, 1/16” (1.6 mm) ID Tubing

**K410 (-1-2-6005-J1A)**
10-32 UNF Thread with 1/4” Hex to 400 Series Barb, 1/16” (1.6 mm) ID Tubing

**K220 (-1-2-6005-6012-J1A)**
10-32 UNF Thread with 1/4” Hex to 200 Series Barb, 3/32” (2.4 mm) ID Tubing

**X10 (-1-2-6005-J1A)**
10-32 Special Tapered Thread with 1/4” Hex to Classic Series Barb, 3/32” (2.4 mm) ID Tubing

**B (-1-2-3-4-5-6005-J1A)**
10-32 UNF Thread with 1/4” Hex to Classic Series Barb, 1/8” (3.2 mm) ID Tubing

**C (-1-2-3-4-5-6005-J1A)**
10-32 UNF Thread with 1/4” Hex to Classic Series Barb, Short Neck, 1/8” (3.2 mm) ID Tubing

**K230 (-1-2-6005-J1A)**
10-32 UNF Thread with 1/4” Hex to 200 Series Barb, 1/8” (3.2 mm) ID Tubing

**X230 (-1-2-3-5-6005-6012-J1A)**
10-32 Special Tapered Thread with 1/4” Hex to 200 Series Barb, 1/8” (3.2 mm) ID Tubing

**K240 (-1-2-6005-J1A)**
10-32 UNF Thread with 1/4” Hex to 200 Series Barb, 5/32” (4.0 mm) ID Tubing

**K420 (-1-2-6005-6012-J1A)**
10-32 UNF Thread with 1/4” Hex to 200 Series Barb, 3/32” (2.4 mm) ID Tubing

**X420 (-1-2-6005-J1A)**
10-32 Special Tapered Thread with 1/4” Hex to 400 Series Barb, 3/32” (2.4 mm) ID Tubing

**X430 (-1-2-3-6005-J1A)**
10-32 Special Tapered Thread with 1/4” Hex to 400 Series Barb, 1/8” (3.2 mm) ID Tubing

**X445 (-1-2-6005-J1A)**
10-32 Special Tapered Thread with 1/4” Hex to 400 Series Barb, .170” (4.3 mm) ID Tubing

**K445 (-1-2-6005-J1A)**
10-32 UNF Thread with 1/4” Hex to 400 Series Barb, .170” (4.3 mm) ID Tubing

**K10 (-1-2-6005-J1A)**
10-32 UNF Thread with 1/4” Hex to Classic Series Barb, 1/16” (1.6 mm) ID Tubing

**K410 (-1-2-6005-J1A)**
10-32 UNF Thread with 1/4” Hex to 400 Series Barb, 1/16” (1.6 mm) ID Tubing
THREAD:
10-32 UNF, Special Tapered Thread Elbow

**XL210 (-1 -2 -6005 -6012 -J1A)**
10-32 Special Tapered Thread Elbow with 1/4" Hex to 200 Series Barb,
1/16" (1.6 mm) ID Tubing

**XL230 (-1 -2 -6005 -6012 -J1A)**
10-32 Special Tapered Thread Elbow with 1/4" Hex to 200 Series Barb,
1/8" (3.2 mm) ID Tubing

**XL410 (-1 -2 -6005 -J1A)**
10-32 UNF Thread Elbow with 1/4" Hex to 200 Series Barb,
1/16" (1.6 mm) ID Tubing

**XL430 (-1 -2 -6005 -J1A)**
10-32 UNF Thread Elbow with 1/4" Hex to 400 Series Barb,
1/8" (3.2 mm) ID Tubing

**XL220 (-1 -2 -6005 -6012 -J1A)**
10-32 Special Tapered Thread Elbow with 1/4" Hex to 200 Series Barb,
3/32" (2.4 mm) ID Tubing

**XL420 (-1 -2 -6005 -J1A)**
10-32 Special Tapered Thread Elbow with 1/4" Hex to 400 Series Barb,
3/32" (2.4 mm) ID Tubing

**KL210 (-1 -2 -6005 -J1A)**
10-32 UNF Thread Elbow with 1/4" Hex to 200 Series Barb,
1/16" (1.6 mm) ID Tubing

**KL230 (-1 -2 -6005 -J1A)**
10-32 UNF Thread Elbow with 1/4" Hex to 200 Series Barb,
1/8" (3.2 mm) ID Tubing

**KL410 (-1 -2 -6005 -J1A)**
10-32 UNF Thread Elbow with 1/4" Hex to 400 Series Barb,
1/16" (1.6 mm) ID Tubing

**KL430 (-1 -2 -6005 -J1A)**
10-32 UNF Thread Elbow with 1/4" Hex to 400 Series Barb,
1/8" (3.2 mm) ID Tubing

**KL220 (-1 -2 -6005 -J1A)**
10-32 UNF Thread Elbow with 1/4" Hex to 200 Series Barb,
3/32" (2.4 mm) ID Tubing

**KL420 (-1 -2 -6005 -J1A)**
10-32 UNF Thread Elbow with 1/4" Hex to 400 Series Barb,
3/32" (2.4 mm) ID Tubing

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**Technical Assistance**

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TEL: +1 (970) 267-5200 TOLL FREE in USA: (888) 404-5837 WWW.NORDSONMEDICAL.COM 805 West 71st Street • Loveland, CO 80538 • USA
# Threaded Fittings

**Thread:**

10-32 UNF, Special Tapered Thread Tee

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>KT210 (-1 -2 -6005 -J1A)</td>
<td>10-32 UNF Thread Tee with 1/4&quot; Hex to 200 Series Barb, 1/16&quot; (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>XT210 (-1 -2 -6005 -J1A)</td>
<td>10-32 Special Tapered Thread Tee with 1/4&quot; Hex to 200 Series Barb, 1/16&quot; (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>KT410 (-1 -2 -6005 -J1A)</td>
<td>10-32 UNF Thread Tee with 1/4&quot; Hex to 400 Series Barb, 1/16&quot; (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>XT410 (-1 -2 -6005 -J1A)</td>
<td>10-32 Special Tapered Thread Tee with 1/4&quot; Hex to 400 Series Barb, 1/16&quot; (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>KT220 (-1 -2 -6005 -J1A)</td>
<td>10-32 UNF Thread Tee with 1/4&quot; Hex to 200 Series Barb, 3/32&quot; (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>XT220 (-1 -2 -6005 -J1A)</td>
<td>10-32 Special Tapered Thread Tee with 1/4&quot; Hex to 200 Series Barb, 3/32&quot; (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>KT420 (-1 -2 -6005 -J1A)</td>
<td>10-32 UNF Thread Tee with 1/4&quot; Hex to 400 Series Barb, 3/32&quot; (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>XT420 (-1 -2 -6005 -J1A)</td>
<td>10-32 Special Tapered Thread Tee with 1/4&quot; Hex to 400 Series Barb, 3/32&quot; (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>KT230 (-1 -2 -6005 -J1A)</td>
<td>10-32 UNF Thread Tee with 1/4&quot; Hex to 200 Series Barb, 1/8&quot; (3.2 mm) ID Tubing</td>
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<tr>
<td>XT230 (-1 -2 -6005 -J1A)</td>
<td>10-32 Special Tapered Thread Tee with 1/4&quot; Hex to 200 Series Barb, 1/8&quot; (3.2 mm) ID Tubing</td>
</tr>
<tr>
<td>KT430 (-1 -2 -6005 -J1A)</td>
<td>10-32 UNF Thread Tee with 1/4&quot; Hex to 400 Series Barb, 1/8&quot; (3.2 mm) ID Tubing</td>
</tr>
<tr>
<td>XT430 (-1 -2 -6005 -J1A)</td>
<td>10-32 Special Tapered Thread Tee with 1/4&quot; Hex to 400 Series Barb, 1/8&quot; (3.2 mm) ID Tubing</td>
</tr>
</tbody>
</table>

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**Part Drawings Online!**

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[www.nordsonmedical.com](http://www.nordsonmedical.com)
**THREAD:**

10-32 UNF, Special Tapered Thread Couplers and Plugs

**KN (-1 -2 -6005 -J1A)**
10-32 UNF Thread Coupler with 1/4" Hex

**XN (-1 -2 -6005 -J1A)**
10-32 Special Tapered Thread Coupler with 1/4" Hex

**KP (-1 -2 -6005 -6012 -J1A)**
10-32 UNF Thread Plug with 1/4" Hex

**XP (-1 -2 -6005 -J1A)**
10-32 Special Tapered Thread Plug with 1/4" Hex

**S10 (-1 -2 -6005 -J1A)**
1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

**S210 (-1 -2 -6005 -J1A)**
1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**S410 (-1 -2 -6005 -J1A)**
1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

**S20 (-1 -2 -6005 -J1A)**
1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb, 3/32" (2.4 mm) ID Tubing

**S220 (-1 -2 -6005 -J1A)**
1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**S420 (-1 -2 -6005 -J1A)**
1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

**S30 (-1 -2 -6005 -J1A)**
1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb, 1/8" (3.2 mm) ID Tubing

**S230 (-1 -2 -6005 -6012 -J1A)**
1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

---

**Looking for Something Different?**

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there’s a new product you think Nordson MEDICAL should make, please send us an Email at designcenter@nordsonmedical.com describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

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<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>M6x1</td>
<td>M6x1 Thread with 5/16&quot; Hex to 200 Series Barb, 1/16&quot; (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>M6410</td>
<td>M6x1 Thread with 5/16&quot; Hex to 400 Series Barb, 1/16&quot; (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>M6220</td>
<td>M6x1 Thread with 5/16&quot; Hex to 200 Series Barb, 3/32&quot; (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>M6420</td>
<td>M6x1 Thread with 5/16&quot; Hex to 400 Series Barb, 3/32&quot; (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>M6230</td>
<td>M6x1 Thread with 5/16&quot; Hex to 200 Series Barb, 1/8&quot; (3.2 mm) ID Tubing</td>
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<td>M6430</td>
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<td>M6x1 Thread with 5/16&quot; Hex to 400 Series Barb, .170&quot; (4.3 mm) ID Tubing</td>
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<td>M6P</td>
<td>M6x1 Thread Plug with 5/16&quot; Hex</td>
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### Technical Assistance

Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings. [www.nordsonmedical.com](http://www.nordsonmedical.com)

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support (970) 267-5200.
Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!

THREAD:
1/16-27 NPT

**1610 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,
1/16" (1.6 mm) ID Tubing

**16430 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,
1/8" (3.2 mm) ID Tubing

**16210 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,
1/16" (1.6 mm) ID Tubing

**1640 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,
5/32" (4.0 mm) ID Tubing

**16410 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,
1/16" (1.6 mm) ID Tubing

**16240 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,
5/32" (4.0 mm) ID Tubing

**1620 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,
3/32" (2.4 mm) ID Tubing

**16445 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,
1/16" (1.6 mm) ID Tubing

**16220 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,
3/32" (2.4 mm) ID Tubing

**1650 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,
3/16" (4.8 mm) ID Tubing

**16420 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,
3/32" (2.4 mm) ID Tubing

**16250 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,
3/16" (4.8 mm) ID Tubing

**1630 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,
1/8" (3.2 mm) ID Tubing

**16450 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,
3/16" (4.8 mm) ID Tubing

**1630 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,
1/8" (3.2 mm) ID Tubing

**16230 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,
1/8" (3.2 mm) ID Tubing

**16460 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,
3/16" (4.8 mm) ID Tubing

**1600 (-1 -2 -6005 -J1A)**
1/16-27 NPT Thread Plug with 5/16" Hex
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<tr>
<td>18220</td>
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<td>1/8-27 NPT Thread with 7/16&quot; Hex to 400 Series Barb, 1/8&quot; (3.2 mm) ID Tubing</td>
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<td>1840</td>
<td>1/8-27 NPT Thread with 7/16&quot; Hex to Classic Series Barb, 5/32&quot; (4.0 mm) ID Tubing</td>
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<tr>
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<td>1/8-27 NPT Thread with 7/16&quot; Hex to 200 Series Barb, 5/32&quot; (4.0 mm) ID Tubing</td>
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<tr>
<td>18445</td>
<td>1/8-27 NPT Thread with 7/16&quot; Hex to 400 Series Barb, .170&quot; (4.3 mm) ID Tubing</td>
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<td>1/8-27 NPT Thread with 7/16&quot; Hex to Classic Series Barb, 3/16&quot; (4.8 mm) ID Tubing</td>
</tr>
<tr>
<td>1860</td>
<td>1/8-27 NPT Thread with 7/16&quot; Hex to Classic Series Barb, 1/4&quot; (6.4 mm) ID Tubing</td>
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</tbody>
</table>
THREAD: 1/8-27 NPT Elbows

18L230 (-1 -2 -6005 -6012 -J1A)
1/8-27 NPT Thread Elbow with 7/16” Hex to 200 Series Barb, 1/8” (3.2 mm) ID Tubing

18L250 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread Elbow with 7/16” Hex to 200 Series Barb, 3/16” (4.8 mm) ID Tubing

18L260 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread Elbow with 7/16” Hex to 200 Series Barb, 1/4” (6.4 mm) ID Tubing

THREAD: 1/8-27 NPT Plugs

1800 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread Plug with 7/16” Hex

THREAD: 1/8-27 NPT Reducers

1801 (-1 -2 -6005 -J1A)
Reducer with 1/8-27 NPT Male Thread and 7/16” Hex to 10-32 UNF Female Thread

1802 (-1 -2 -6005 -J1A)
Reducer with 1/8-27 NPT Male Thread and 7/16” Hex to 1/4-28 UNF Female Thread

THREAD: 1/4-18 NPT Reducers

1401 (-1 -2 -6005 -J1A)
Reducer with 1/4-18 NPT Male Thread and 9/16” Hex to 10-32 UNF Female Thread

1402 (-1 -2 -6005 -J1A)
Reducer with 1/4-18 NPT Male Thread and 9/16” Hex to 1/4-28 UNF Female Thread

THREAD: 1/8-27 NPT Tees

18T250 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread Tee with 7/16” Hex to 200 Series Barb, 3/16” (4.8 mm) ID Tubing

18T260 (-1 -2 -6005 -J1A)
1/8-27 NPT Thread Tee with 7/16” Hex to 200 Series Barb, 1/4” (6.4 mm) ID Tubing

Need Samples for Evaluation?
You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.

+1 (870) 267-5200    Toll Free: (888) 404-5837
BUILD-A-PART®

Fittings

Junction Blocks
PG-145

Accessories
PG-146

Barbs
PG-146

Threads
PG-147

Bonding Suggestions
Prior to actually bonding, press together a model of the manifold to use as a reference.

Do not mix plastic resins. Consult your adhesive specialist if you need to bond dissimilar materials.

These components are designed for bonding with any one of a number of solvents, but other adhesive systems may be used. When solvent bonding, use a very small gauge needle (typically 27 or 30) for best solvent control. Consult your adhesive specialist for guidance on other systems.

Apply solvent sparingly. Most solvents are low viscosity and readily wick into the bondline. Excessive solvent may compromise the aesthetics and the function of the assembly.

Press the mating components together leaving a .01-.03” gap between them for the solvent. Place the components in an orientation such that they may be rotated ¼ turn to their final position after applying the solvent.

After applying solvent, wait a few seconds, then rotate the components to their final position. When making a long manifold with bondable junction blocks it may be helpful to push the assembly against a flat surface to align the blocks before the solvent has set.

Affordable Unique Solutions:
"Design Your New Component with Build-A-Part® Bondable Components!"

Component designers no longer need to be constrained by the limitations of injection molding tool design. The exact fitting, in the optimal layout for the process or product concept, is now available with Nordson MEDICAL’s line of Build-a-Part® bondable components, designed for use with gases or liquids.

The Build-a-Part® system is based on combining interchangeable components, joining junction blocks and luers, hose barbs or threaded features to create the desired configuration. The features are bonded to the junction blocks using commonly available adhesives. Junction blocks and features may be bonded together to create multi-port, multi-axis products that receive and redirect fluid flow in whatever direction the designer desires. The only limitation is the designer’s imagination.

114 component options are available from stock in two primary materials. Options include ISO 594-1 compliant male and female luers and hose barbs in 1/16” (1.6 mm), 3/32” (2.4 mm) and 1/8” (3.2 mm) in straight, elbow and branch tee configurations. Also available are male threads including 10-32 UNF, 1/16-27 NPT, 1/8-27 NPT, 1/4-28 UNF and M6x1 versions, and mounting devices.

The complete range is available in two primary resins: white ABS or translucent polysulfone. For ease of testing concepts, Nordson MEDICAL offers designer kits in both resins. Each kit contains hundreds of components for prototype purposes, enabling designs to be created and modified prior to production commitment.
**BUILD-A-PART®: Junction Blocks**

**BUILD-A-PART® Junction Blocks**

<table>
<thead>
<tr>
<th>BLOCK</th>
<th>NUMBER</th>
<th>MATERIAL</th>
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<tr>
<td>BDJ01</td>
<td>40</td>
<td>Polysulfone</td>
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<tr>
<td>BDJ01</td>
<td>81</td>
<td>Lace White ABS</td>
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<td>BDJ02</td>
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<tr>
<td>BDJ02</td>
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<td>BDJ03</td>
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<td>Polysulfone</td>
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<td>BDJ03</td>
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<td>BDJ15</td>
<td>81*</td>
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</tbody>
</table>

*Check valve junction block. For use with RB01 and SB01.

**BUILD-A-PART® Junction Blocks with Mounting Port**

<table>
<thead>
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<th>MATERIAL</th>
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*For non-flow manifolding  +For use with BDMD

---

**Build-A-Part® Junction Block Configuration Table**

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<th>X- AXIS</th>
<th>Y+ AXIS</th>
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</table>

Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
### BUILD-A-PART®: Accessories, Barbs and Elbows

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Description</th>
<th>Notes</th>
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<tbody>
<tr>
<td>RB01 (-X2) SB01 (-X0)</td>
<td>Check Valve Ball 5/32&quot; Diameter</td>
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<tr>
<td>BDMRP (-40 -81)</td>
<td>Bondable Plug</td>
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<tr>
<td>BMD (-40 -81)</td>
<td>Bondable Mounting Device</td>
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<td>BDMFTLL (-40 -81 -9)</td>
<td>Bondable Female Luer Thread Style</td>
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<tr>
<td>BDMMTL (-40 -81)</td>
<td>Bondable Male Luer (May be used with separate rotating lock ring; RMLLR)</td>
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<td>RMLLR (-1 -2 -3 -4 -5 -06 -6005 -9 -9002 -J1A)</td>
<td>Rotating Male Luer Lock Ring (For use with BDMMTL)</td>
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<td>BDMR210 (-40 -81 -9 -9002)</td>
<td>Bondable 200 Series Barb, 1/16&quot; (1.6 mm) ID Tubing</td>
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<td>BDMR410 (-40 -81)</td>
<td>Bondable 400 Series Barb, 1/16&quot; (1.6 mm) ID Tubing</td>
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<td>BDMR220 (-40 -81)</td>
<td>Bondable 200 Series Barb, 3/32&quot; (2.4 mm) ID Tubing</td>
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<td>BDMR420 (-40 -81)</td>
<td>Bondable 400 Series Barb, 3/32&quot; (2.4 mm) ID Tubing</td>
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</tr>
<tr>
<td>BDMR230 (-40 -81)</td>
<td>Bondable 200 Series Barb, 1/8&quot; (3.2 mm) ID Tubing</td>
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<tr>
<td>BDMR430 (-40 -81)</td>
<td>Bondable 400 Series Barb, 1/8&quot; (3.2 mm) ID Tubing</td>
<td></td>
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<tr>
<td>BDMR240 (-40 -81 -6005 -81)</td>
<td>Bondable 200 Series Barb, 5/32&quot; (4.0 mm) ID Tubing</td>
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<tr>
<td>BDMR445 (-40 -81)</td>
<td>Bondable 400 Series Barb, .170&quot; (4.3 mm) ID Tubing</td>
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<tr>
<td>BDML210 (-40 -81 -9)</td>
<td>Bondable Elbow 200 Series Barb, 1/16&quot; (1.6 mm) ID Tubing</td>
<td></td>
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<tr>
<td>BDML410 (-40 -81)</td>
<td>Bondable Elbow 400 Series Barb, 1/16&quot; (1.6 mm) ID Tubing</td>
<td></td>
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<tr>
<td>BDML220 (-40 -81 -9)</td>
<td>Bondable Elbow 200 Series Barb, 3/32&quot; (2.4 mm) ID Tubing</td>
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<tr>
<td>BDML420 (-40 -81)</td>
<td>Bondable Elbow 400 Series Barb, 3/32&quot; (2.4 mm) ID Tubing</td>
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<tr>
<td>BDML230 (-40 -81)</td>
<td>Bondable Elbow 200 Series Barb, 1/8&quot; (3.2 mm) ID Tubing</td>
<td></td>
</tr>
<tr>
<td>BDML430 (-40 -81)</td>
<td>Bondable Elbow 400 Series Barb, 1/8&quot; (3.2 mm) ID Tubing</td>
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### BUILD-A-PART®: Tees

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>BDMT210 (-40 -81)</td>
<td>Bondable Tee 200 Series Barb, 1/16” (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>BDMT410 (-40 -81)</td>
<td>Bondable Tee 400 Series Barb, 1/16” (1.6 mm) ID Tubing</td>
</tr>
<tr>
<td>BDMT220 (-40 -81)</td>
<td>Bondable Tee 200 Series Barb, 3/32” (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>BDMT420 (-40 -81)</td>
<td>Bondable Tee 400 Series Barb, 3/32” (2.4 mm) ID Tubing</td>
</tr>
<tr>
<td>BDMT230 (-40 -81)</td>
<td>Bondable Tee 200 Series Barb, 1/8” (3.2 mm) ID Tubing</td>
</tr>
<tr>
<td>BDMT430 (-40 -81)</td>
<td>Bondable Tee 400 Series Barb, 1/8” (3.2 mm) ID Tubing</td>
</tr>
</tbody>
</table>

### BUILD-A-PART®: Threads

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>BDMK (-40 -81)</td>
<td>Bondable 10-32 UNF Thread with 1/4” Hex</td>
</tr>
<tr>
<td>BDMX (-40 -81)</td>
<td>Bondable 10-32 Special Tapered Thread with 1/4” Hex</td>
</tr>
<tr>
<td>BDMS (-81)</td>
<td>Bondable 1/4-28 UNF Thread with 5/16” Hex</td>
</tr>
<tr>
<td>BDMM6 (-40 -81)</td>
<td>Bondable M6x1 Thread with 5/16” Hex</td>
</tr>
<tr>
<td>BDM16 (-40 -81)</td>
<td>Bondable 1/16-27 NPT Thread with 5/16” Hex</td>
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<tr>
<td>BDM18 (-40 -81)</td>
<td>Bondable 1/8-27 NPT Thread with 7/16” Hex</td>
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<tr>
<td>BDF16 (-40 -81)</td>
<td>Bondable 1/16-27 NPT Thread with 5/16” Hex</td>
</tr>
<tr>
<td>BDF18 (-40 -81)</td>
<td>Bondable 1/8-27 NPT Thread with 7/16” Hex</td>
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<tr>
<td>BDFM6 (-40 -81)</td>
<td>Bondable M6x1 Thread with 5/16” Hex</td>
</tr>
<tr>
<td>BDFS (-40 -81)</td>
<td>Bondable 1/4-28 UNF Thread with 5/16” Hex</td>
</tr>
</tbody>
</table>

---

**Need it Fast?**

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### TUBING: Linear Low Density Polyethylene

**92 Durometer:** This tubing has excellent mechanical and chemical resistance properties. Please use caution if your application involves possible bending or kinking the tubing. It is a semi-rigid material and will be permanently deformed if kinked or bent too tight.

**Resin Grade & Technical Information:** This tubing is extruded from Equistar® LLDPE, which is in compliance with all U.S. Food & Drug Administration regulations for food grade use under Title 21 CFR. It can be sterilized by gamma radiation or Ethylene Oxide (EtO) gas. Autoclaving is not recommended.

<table>
<thead>
<tr>
<th>DIMENSION (ID X OD X LGTH)</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/16” X 1/10” X 100’</td>
<td>LLDPE02-1019C</td>
</tr>
<tr>
<td>1/16” X 1/10” X 1000’</td>
<td>LLDPE02-1019M</td>
</tr>
<tr>
<td>1/16” X 1/8” X 100’</td>
<td>LLDPE02-1031C</td>
</tr>
<tr>
<td>1/16” X 1/8” X 1000’</td>
<td>LLDPE02-1031M</td>
</tr>
<tr>
<td>3/32” X 5/32” X 100’</td>
<td>LLDPE02-2031C</td>
</tr>
<tr>
<td>3/32” X 5/32” X 1000’</td>
<td>LLDPE02-2031M</td>
</tr>
<tr>
<td>1/8” X 3/16” X 100’</td>
<td>LLDPE02-3031C</td>
</tr>
<tr>
<td>1/8” X 3/16” X 1000’</td>
<td>LLDPE02-3031M</td>
</tr>
</tbody>
</table>

### TUBING: Thermoplastic Elastomer (TPE)

**65 Shore A:** Our Biopharmaceutical-grade TPE tubing is sterile weldable, heat sealable, moldable, and offers excellent life in peristaltic pumps. It is ideal for use in single-use processes for sampling, filling, and storage tubing set assemblies.

**Resin Grade & Technical Information:** This tubing is made from FDA-approved ingredients, certified free of silicone oils and animal derived ingredients, and is sterilizable by autoclave or gamma irradiation. It meets various ISO and USP standards, including Class VI, as well as European Pharmacopoeia 3.2.2.1. It also offers excellent low absorption and permeability as compared to silicone tubing.

<table>
<thead>
<tr>
<th>DIMENSION (ID X OD X LGTH)</th>
<th>NUMBER</th>
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<tr>
<td>1/8” X 1/4” X 50’</td>
<td>AF7500077</td>
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<tr>
<td>1/8” X 1/4” X 500’</td>
<td>AF7500077D</td>
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<tr>
<td>3/16” X 5/16” X 50’</td>
<td>AF7500156</td>
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<tr>
<td>1/4” X 7/16” X 50’</td>
<td>AF7500311</td>
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<tr>
<td>3/8” X 5/8” X 50’</td>
<td>AF7500506</td>
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<tr>
<td>1/2” X 3/4” X 50’</td>
<td>AF7500584</td>
</tr>
<tr>
<td>3/4” X 1” X 50’</td>
<td>AF7500753</td>
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</tbody>
</table>
50 Shore A: Extruded from a low-volatile grade, platinum-cured compound, this tubing is ideal for critical applications in pharmaceutical, biotech, medical, food, and beverage industries.

Resin Grade & Technical Information: This tubing is extruded and packaged in a Class 7 (Class 10,000) ISO-certified clean room. It has undergone extensive physical, chemical, and biological testing and meets USP Class VI, FDA CFR 177.2600, ISO 10993, European Pharmacopoeia 3.1.9, and 3-A standards. It is certified free of animal-derived ingredients and is certified by the National Sanitation Foundation for use in food equipment materials (NSF-51). It offers a temperature range use of -100°F (-73.3°C) to 400°F (204.4°C) and is sterilizable by autoclave or gamma irradiation.

DIMENSION (ID X OD X LGTH)  NUMBER
1/16” X 1/8” X 50’  SILC7001038
1/16” X 3/16” X 500’  SILC7001422
5/64” X 9/64” X 50’  SILC7001280
1/8” X 1/4” X 500’  SILC7001424
1/8” X 1/4” X 50’  SILC7001657
3/32” X 9/32” X 100’  SILC7001839
1/4” X 3/8” X 50’  SILC7002203
3/8” X 5/8” X 50’  SILC7002593
1/2” X 3/4” X 50’  SILC7002775
3/4” X 1” X 50’  SILC7003139

TUBING: Pump Grade Platinum-Cured Silicone

80 Durometer: This tubing is extremely kink resistant and highly resistant to abrasion and scuffing. It is widely accepted as a premium material for medical device use because of its flexible nature and easy sterilizability.

Resin Grade & Technical Information: This tubing is extruded from Lubrizol® compound Pellethane PUR80A-MED, which has passed USP Class VI testing. It can be sterilized by gamma radiation or Ethylene Oxide (EtO) gas. Please do not autoclave this tubing, as it may alter the chemical nature of the resin.

DIMENSION (ID X OD X LGTH)  NUMBER
1/16” X 3/16” X 500’  SILPG7021044
1/8” X 1/4” X 500’  SILPG7021043
3/16” X 3/8” X 250’  SILPG7021042
1/4” X 7/16” X 300’  SILPG7021041

TUBING: Anti-Microbial Polyvinyl Chloride (PVC)

Ag-47 Clear Anti-Microbial: CLEARFLO Ag-47 is suitable for a wide variety of food contact applications and designed to protect your food or beverage product from harmful bacteria. It’s manufactured from a clear flexible Shore A74 PVC compound with the addition of antimicrobial protection. The antimicrobial technology is especially effective where there is infrequent use of fluids in warm conditions.

Resin Grade & Technical Information: CLEARFLO Ag-47 offers antibacterial performance to ISO 22196:2011. Unlike some products CLEARFLO Ag-47 is 100% protected with the effective additive Silver-Magnesium-Aluminum-Phosphorus Complex. This is present throughout the tube and not only on the interior, offering you protection on all surfaces. The active ingredients in CLEARFLO Ag-47 will have no detrimental effect on yeasts used for brewing and will have no negative impact on the taste or flavor of products passed through it.

DIMENSION (ID X OD X LGTH)  NUMBER
3/16” X 5/16” X 100’  PVC1190035
3/16” X 7/16” X 100’  PVC1190049
1/4” X 3/8” X 100’  PVC1190112
1/4” X 1/2” X 100’  PVC1190126
5/16” X 7/16” X 100’  PVC1190189
5/16” X 1/2” X 100’  PVC1190203
3/8” X 1/2” X 100’  PVC1190266
3/8” X 5/8” X 100’  PVC1190280
1/2” X 5/8” X 100’  PVC1190343
1/2” X 3/4” X 100’  PVC1190357

TUBING: Polyvinyl Chloride (PVC)

75 Durometer: Our PVC tubing is a very cost effective product that can satisfy a broad array of end use applications. It is flexible in nature, optically clear, and easily sterilized.

Resin Grade & Technical Information: This tubing is extruded from Teknor® PVC80-NP resin, which is in compliance with all US Food & Drug Administration regulations for food grade use under Title 21 CFR. It is also certified USP Class VI. It can be sterilized by gamma radiation or Ethylene Oxide (EtO) gas. This tubing is not autoclavable.

DIMENSION (ID X OD X LGTH)  NUMBER
1/16” X 1/8” X 100’  PV02-1031C
1/16” X 1/8” X 1000’  PV02-1031M
3/32” X 3/16” X 100’  PV02-2047C
1/8” X 1/4” X 100’  PV02-3062C
1/8” X 1/4” X 1000’  PV02-3062M
3/16” X 5/16” X 100’  PV02-5062C
1/4” X 3/8” X 100’  PV02-6062C

TUBING: Platinum-Cured Silicone

50 Shore A: Extruded from a low-volatile grade, platinum-cured compound, this tubing is ideal for critical applications in pharmaceutical, biotech, medical, food, and beverage industries.

Resin Grade & Technical Information: This tubing is extruded and packaged in a Class 7 (Class 10,000) ISO-certified clean room. It has undergone extensive physical, chemical, and biological testing and meets USP Class VI, FDA CFR 177.2600, ISO 10993, European Pharmacopoeia 3.1.9, and 3-A standards. It is certified free of animal-derived ingredients and is certified by the National Sanitation Foundation for use in food equipment materials (NSF-51). It offers a temperature range use of -100°F (-73.3°C) to 400°F (204.4°C) and is sterilizable by autoclave or gamma irradiation.

DIMENSION (ID X OD X LGTH)  NUMBER
1/16” X 1/8” X 50’  SILC7001038
1/16” X 3/16” X 500’  SILC7001422
5/64” X 9/64” X 50’  SILC7001280
1/8” X 1/4” X 500’  SILC7001424
1/8” X 1/4” X 50’  SILC7001657
3/32” X 9/32” X 100’  SILC7001839
1/4” X 3/8” X 50’  SILC7002203
3/8” X 5/8” X 50’  SILC7002593
1/2” X 3/4” X 50’  SILC7002775
3/4” X 1” X 50’  SILC7003139

TUBING: Thermoplastic Polyurethane

80 Durometer: This tubing is extremely kink resistant and highly resistant to abrasion and scuffing. It is widely accepted as a premium material for medical device use because of its flexible nature and easy sterilizability.

Resin Grade & Technical Information: This tubing is extruded from Lubrizol® compound Pellethane PUR80A-MED, which has passed USP Class VI testing. It can be sterilized by gamma radiation or Ethylene Oxide (EtO) gas. Please do not autoclave this tubing, as it may alter the chemical nature of the resin.

DIMENSION (ID X OD X LGTH)  NUMBER
1/16” X 1/8” X 100’  UR00-1031C
1/16” X 1/8” X 1000’  UR00-1031M
3/32” X 3/16” X 100’  UR00-2047C
3/32” X 3/16” X 1000’  UR00-2047M
1/8” X 1/4” X 100’  UR00-3062C

TUBING: Anti-Microbial Polyvinyl Chloride (PVC)

Ag-47 Clear Anti-Microbial: CLEARFLO Ag-47 is suitable for a wide variety of food contact applications and designed to protect your food or beverage product from harmful bacteria. It’s manufactured from a clear flexible Shore A74 PVC compound with the addition of antimicrobial protection. The antimicrobial technology is especially effective where there is infrequent use of fluids in warm conditions.

Resin Grade & Technical Information: CLEARFLO Ag-47 offers antibacterial performance to ISO 22196:2011. Unlike some products CLEARFLO Ag-47 is 100% protected with the effective additive Silver-Magnesium-Aluminum-Phosphorus Complex. This is present throughout the tube and not only on the interior, offering you protection on all surfaces. The active ingredients in CLEARFLO Ag-47 will have no detrimental effect on yeasts used for brewing and will have no negative impact on the taste or flavor of products passed through it.

DIMENSION (ID X OD X LGTH)  NUMBER
3/16” X 5/16” X 100’  PVC1190035
3/16” X 7/16” X 100’  PVC1190049
1/4” X 3/8” X 100’  PVC1190112
1/4” X 1/2” X 100’  PVC1190126
5/16” X 7/16” X 100’  PVC1190189
5/16” X 1/2” X 100’  PVC1190203
3/8” X 1/2” X 100’  PVC1190266
3/8” X 5/8” X 100’  PVC1190280
1/2” X 5/8” X 100’  PVC1190343
1/2” X 3/4” X 100’  PVC1190357
With TSC Series conical seal fittings, Nordson MEDICAL expands its range of products for small-bore connector applications in medical devices. TSC Series products offer the reliability, convenience and ease of use of luer fittings in a design that cannot be interconnected with conventional luers and avoid tubing misconnections. These luer alternatives are available in sizes to fit 1/8” (3.2 mm) and 3/16” (4.8 mm) ID flexible tubing.

Features & Benefits:
- Ergonomic grip
- Conical (tapered) seal
- 15% higher flow capacity than conventional luers
- Polypropylene resin
- Cannot interconnect with conventional luers taper fittings
- 500 Series single barbs

### SMALL BORE CONNECTORS:

**Male**

- **TSC2M210 (-6005)**
  Male Taper Seal Non-Luer Connector to 200 Series Barb, 1/16” (1.6 mm) ID Tubing

- **TSC2M013 (-6005)**
  Male Taper Seal Non-Luer Connector to 500 Series Barb, 1/8” (3.2 mm) ID Tubing

- **TSC2M035 (-6005)**
  Male Taper Seal Non-Luer Connector to 500 Series Barb, 3/16” (4.8 mm) ID Tubing
SMALL BORE CONNECTORS:

**Female**

**TSC2F210 (-6005)**
- Female Taper Seal Non-Luer Connector to 200 Series Barb,
  1/16" (1.6 mm) ID Tubing

**TSC2F007 (-6005)**
- Female Taper Seal Non-Luer Connector to 500 Series Barb,
  3/32" (2.4 mm) ID Tubing

**TSC2F013 (-6005)**
- Female Taper Seal Non-Luer Connector to 500 Series Barb,
  1/8" (3.2 mm) ID Tubing

**TSC2F035 (-6005)**
- Female Taper Seal Non-Luer Connector to 500 Series Barb,
  3/16" (4.8 mm) ID Tubing

**TSC2FB230 (-6005)**
- Female Taper Seal Non-Luer with 1/4-28 UNF Panel Mount to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

SMALL BORE CONNECTORS:

**Plugs and Caps**

**TSC2MP (-6005)** 1,000 piece minimum
- Male Taper Seal Non-Luer Plug with Tether Recess

LARGE BORE CONNECTORS:

**Male**

**MLB035 (-1 -8012 -9)**
- Male Large Bore Non-Luer Connector to 500 Series Barb,
  3/16" (4.8 mm) ID Tubing

**MLB055 (-1 -8012 -9)**
- Male Large Bore Non-Luer Connector to 500 Series Barb,
  1/4" (6.4 mm) ID Tubing

**MLB065 (-1 -8012 -9)**
- Male Large Bore Non-Luer Connector to 500 Series Barb,
  5/16" (8.0 mm) ID Tubing

**MLB035 (-1 -8012 -9)**
- Male Large Bore Non-Luer Connector to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**MLBC7 (-9002)**
- Male Large Bore Non-Luer Connector with Integral Lock Ring to Male Slip Luer
  (May be used with separate rotating lock ring: FSLR)

**MLBC8 (-9002)**
- Male Large Bore Non-Luer Connector with Integral Lock Ring to Female Thread-Style Locking Luer

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Minimum order quantities may apply • Red Text = Special order items • Volume pricing may be available, quantities vary • Call for details!
LARGE BORE CONNECTORS:

**Female**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>FLB035 (-1 -8012 -9)</td>
<td>Female Large Bore Non-Luer Connector to 500 Series Barb, 3/16&quot; (4.8 mm) ID Tubing</td>
</tr>
<tr>
<td>FLB055 (-1 -2 -8012 -9)</td>
<td>Female Large Bore Non-Luer Connector to 500 Series Barb, 1/4&quot; (6.4 mm) ID Tubing</td>
</tr>
<tr>
<td>FLB065 (-1 -8012 -9)</td>
<td>Female Large Bore Non-Luer Connector to 500 Series Barb, 5/16&quot; (8.0 mm) ID Tubing</td>
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</table>

**Plugs and Caps**

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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>FLBP (-1 -8012 -9)</td>
<td>Female Large Bore Non-Luer Cap</td>
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<tr>
<td>MLBP (-1 -2 -8012 -9 -9002)</td>
<td>Male Large Bore Non-Luer Plug</td>
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OTHER COMPONENTS:

**Components**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VPM2930601N (White ABS)</td>
<td>Tube Clamp with Split, 1/8&quot; (3.2 mm) OD Tubing</td>
</tr>
<tr>
<td>VPS3901074N (Polyisoprene with ABS Acrylic Body)</td>
<td>IN-4000 Intermittent Injection Site to Male Luer Lock</td>
</tr>
<tr>
<td>VPM1060200N (Clear Low Density Polyethylene)</td>
<td>Long Spike Guard Closed at Tip</td>
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<td>VPM0480201N (White Polyethylene)</td>
<td>Luer Tip Syringe Cap</td>
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<tr>
<td>VPM0480201N (White Polyethylene)</td>
<td>Luer Tip Syringe Cap</td>
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<tr>
<td>VPB0850400N (Clear ABS)</td>
<td>Female Luer Thread Style Coupler</td>
</tr>
<tr>
<td>VPM1080303N (Blue Polyethylene)</td>
<td>Male Luer Integral Lock Ring Plug</td>
</tr>
<tr>
<td>VPS069200N (White ABS Spike with Clear LDPE Guard)</td>
<td>Bag Spike with Vented Guard (Replaces VPS069700N)</td>
</tr>
</tbody>
</table>
DESIGNER

Kits

Note: Due to our ever increasing product lines, kit contents are subject to change without notice. Kits may include one or more of each component in a variety of materials. Please see www.nordsonmedical.com for a complete list of all included parts.

ASSORTED DESIGNER KIT
(Part number - ASSORTED KIT-001)
Our Assorted Kit contains a variety of our popular components, including luers, tube-to-tube and threaded fittings.

LUER DESIGNER KIT (Part Number - LUER KIT-001)
Our Luer Kit contains male and female luers, luer plugs, couplers, tees, elbows as well as blood pressure cuff and monitor fittings. Luer tapers are made to ISO standards.

TUBE-TO-TUBE DESIGNER KIT
(Part Number - TUBE-TO-TUBE KIT-001)
Our Tube-to-Tube Kit contains a variety of fittings in different configurations - and one that is sure to work for your application. Some of the fittings contained in this kit include straight-thru connectors, tees, elbows, Ys, and press-in plugs.

XQ DESIGNER KIT (Part Number - XQ KIT-001)
Our XQ Kit contains an assortment of XQ Series Quick Connect Fittings (Quick Disconnect Couplings).

BLOOD PRESSURE DESIGNER KIT
(Part Number - BP KIT-001)
Our Blood Pressure Kit contains a variety of blood pressure fittings, including quick connect fittings, connectors, panel mounts and adaptors.

BIOPHARM DESIGNER KIT
(Part Number - BIOPHARM KIT-001)
Our Biopharm Designer Kit contains a variety of fittings that are commonly found within the BioPharm market. Some of the fittings contained in this kit include our larger fittings of Y’s, T’s, elbows, straight through and reducing connectors, sanitary fittings, clamps, quick connects and gaskets.

BUILD-A-PART DESIGNER KIT
(Part Number - KIT01-81 -KIT01-40)
Our Build-A-Part Kits are available in two different materials: White ABS or Polysulfone. Contained in these kits are luers, elbows, tees, and junction blocks.

INK JET DESIGNER KIT (Part Number - INK JET KIT-001)
A cross section of many components designed and manufactured by Nordson Medical. Includes luers, tube-to-tube and threaded fittings commonly used by Ink Jet Printer Manufacturers.

DIVERT™ STOPCOCKS DESIGNER KIT
(Part Number - STOPCOCK-KIT)
Our Stopcock Designer Kit contains an assortment of stopcocks, including 1-way, 3-way, and 4-way styles.
Barb Dimensions
PG-154

The CLASSIC SERIES is characterized by a longer barb that extends the sealing surface of the fitting. Tubing is expanded from 42% to 69% above its nominal ID.

<table>
<thead>
<tr>
<th>Barb Size</th>
<th>Barb OD</th>
<th>Barb ID</th>
<th>Tube Internal Diameter</th>
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<tbody>
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<td></td>
<td>Dec.</td>
<td>Frac.</td>
<td>Metric</td>
</tr>
<tr>
<td>10</td>
<td>0.105</td>
<td>0.046</td>
<td>0.083 1/16” 1.6 mm</td>
</tr>
<tr>
<td>20</td>
<td>0.145</td>
<td>0.060</td>
<td>0.094 3/32” 2.4 mm</td>
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<tr>
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<td>0.187</td>
<td>0.078</td>
<td>0.125 1/8” 3.2 mm</td>
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<td>0.234</td>
<td>0.100</td>
<td>0.156 5/32” 4.0 mm</td>
</tr>
<tr>
<td>50</td>
<td>0.280</td>
<td>0.130</td>
<td>0.188 3/16” 4.8 mm</td>
</tr>
<tr>
<td>60</td>
<td>0.355</td>
<td>0.187</td>
<td>0.250 1/4” 6.4 mm</td>
</tr>
</tbody>
</table>

Barb Performance
PG-156

The 200 SERIES offers outstanding performance characteristics when used with flexible tubing. Tubing is expanded by 50% above its nominal ID, permitting high-pressure capabilities.

<table>
<thead>
<tr>
<th>Barb Size</th>
<th>Barb OD</th>
<th>Barb ID</th>
<th>Tube Internal Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dec.</td>
<td>Frac.</td>
<td>Metric</td>
</tr>
<tr>
<td>210</td>
<td>0.094</td>
<td>0.047</td>
<td>0.083 1/16” 1.6 mm</td>
</tr>
<tr>
<td>220</td>
<td>0.141</td>
<td>0.070</td>
<td>0.094 3/32” 2.4 mm</td>
</tr>
<tr>
<td>230</td>
<td>0.188</td>
<td>0.094</td>
<td>0.125 1/8” 3.2 mm</td>
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<tr>
<td>240</td>
<td>0.234</td>
<td>0.117</td>
<td>0.156 5/32” 4.0 mm</td>
</tr>
<tr>
<td>250</td>
<td>0.282</td>
<td>0.141</td>
<td>0.188 3/16” 4.8 mm</td>
</tr>
<tr>
<td>260</td>
<td>0.375</td>
<td>0.188</td>
<td>0.250 1/4” 6.4 mm</td>
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</table>

The 300 SERIES offers outstanding performance characteristics when used with flexible tubing. Tubing is expanded by 35% above its nominal ID, permitting high-pressure capabilities in the larger tube sizes.

<table>
<thead>
<tr>
<th>Barb Size</th>
<th>Barb OD</th>
<th>Barb ID</th>
<th>Tube Internal Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dec.</td>
<td>Frac.</td>
<td>Metric</td>
</tr>
<tr>
<td>360</td>
<td>0.338</td>
<td>0.192</td>
<td>0.250 1/4” 6.4 mm</td>
</tr>
</tbody>
</table>

*Variations of barb IDs may exist. Please visit www.nordsonmedical.com to learn more about these alternatives. The data presented here is for reference only. It was compiled to provide our customers with a means of comparing the characteristics of components at the time of publication. The particular conditions of your use and application of our products are beyond our control. Thus, it is imperative that you test our products in your specific application to determine their suitability. All information is provided without implied or express warranty or guarantee by Nordson MEDICAL or other manufacturers. None of the information provided constitutes a recommendation or endorsement of any kind by Nordson MEDICAL.
The **400 SERIES** provides easy assembly while maintaining excellent pressure and tensile capabilities. Originally created for semi-rigid tubing, this series is preferred for applications where tensile/pressure properties are not highly critical, or when ease of assembly is desired. The 400 Series expands the tubing 25% above its nominal ID.

The **500 SERIES** profile is composed of blended radii, giving it the distinct look. Each barb is designed to accommodate a range of tube sizes and tube types. Consideration should be given to flow restriction, pressure capability, and the force required for assembly of the tube.

The **600 SERIES** barbs are designed for use with silicone, C-Flex® and PVC tubing sizes commonly used in biopharm and other applications. Tubing is expanded from 18% to 34% above its nominal ID to maintain a low profile and ease of assembly, and the straight barb stem facilitates use of recommended cable tie retainers or hose clamps.

The **700 SERIES** barb is designed for use with Nordson MEDICAL’s XQ Series quick connect fittings. This unique single barb is available in sizes to fit the 1/4” (6.4 mm), 5/16” (7.9 mm) and 3/8” (9.5 mm) ID tubing sizes and materials commonly used in disposable and reusable medical equipment. Reinforced PVC, unreinforced PVC and polyurethane tubing materials work well with this barb style.

The **900 SERIES** offers outstanding performance characteristics when used with flexible tubing. Tubing is expanded from 8% to 17% above its nominal ID. This barb provides high flow efficiency and excellent tensile strength. A hose clamp is recommended for this series.
Tensile pull and burst tests were performed by an independent laboratory under controlled conditions to provide comparative performance data for the various barb styles and sizes offered by Nordson MEDICAL. Graph numbers 1 through 8 present the data from each of the tests for each barb size and each barb style connected to PVC tube.

The values shown are the means of a statistically significant sample quantity of each configuration. Nordson MEDICAL barbed fittings specifically designed for use with the tubing size indicated were used in these tests. No oversized barbs, solvents, adhesives, or secondary fasteners of any kind were used.

**Tensile Pull Test:** Tensile properties were measured to determine the force required to remove the barbed fitting from the tubing. Tensile specimens were mounted axially in a holding fixture and tested at a rate of 20 inches per minute. Failure mode was tubing separating from the barb.

**Hydrostatic Burst Test:** Hydrostatic burst testing was performed in general accordance with ASTM D1599. Failure mode was either tubing separating from the barb, the tubing bursting, or a combination of the two.

### Performance of Barb to Tube Connections

- **Tensile Pull Test (lbs)**
- **Hydrostatic Burst Test (psi)**

![Graph 1: 1/16” Barb Performance](image1)

![Graph 2: 3/32” Barb Performance](image2)

![Graph 3: 1/8” Barb Performance](image3)

![Graph 4: 5/32” Barb Performance](image4)

![Graph 5: 3/16” Barb Performance](image5)

![Graph 6: 1/4” Barb Performance](image6)

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TECHNICAL INFORMATION

Quick Connect Performance Ratings

Valved Socket & Plug

Valved & Non-Valved Coupling Set

Non-Valved Socket & Plug

10 SERIES - 1/16" Flow Size

10AC Series Air Flow

10AC Series Water Flow

10PP Series Air Flow

10PP Series Water Flow

20 SERIES - 1/8" Flow Size

20AC Series Air Flow

20AC Series Water Flow

20CB Series Air Flow

20CB Series Water Flow

20PP Series Air Flow

20PP Series Water Flow

20PP Series Temperature
TECHNICAL INFORMATION

Quick Connect Performance Ratings

30 SERIES - 1/8" Flow Size

40 SERIES - 1/4" Flow Size

42 SERIES - 3/32" Flow Size
TECHNICAL:
Quick Connect Performance Ratings

50 SERIES - 1/4" Flow Size

50AC Series Air Flow

50AC Series Water Flow

50BAC Series Air Flow

50BAC Series Water Flow

50PP Series Air Flow

50PP Series Water Flow

50PP Series Temperature

50BAC Disconnect Force

55 SERIES - 1/8" - 1/4" Flow Size

55GP Series Water Flow

55GP Series Pressure Range

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60 SERIES - 3/8" Flow Size

60PP Series Air Flow

60PP Series Water Flow

60PP Series Temperature

60PS Series Air Flow

60PS Series Water Flow

60PS Series Temperature

65 SERIES - 1/2" Flow Size

65PS Series Water Flow

70 SERIES - 1/4" Flow Size

70GP Series Water Flow

100 SERIES - 1/16" Flow Size

100AC Series Air Flow

100AC Series Water Flow

100PP Series Air Flow

100PP Series Water Flow
Panel-mounted female luers, in both FTLLB (thread style) and FTLB (lug style) series, are shown beginning on page 20. When used with our CCLR lock rings or CCR color coding rings and LNS lock nuts (see pages 21, 37), color coding of connections is easy.

The information provided here will help you mount the panel mount luers. Please note that they are intended for panel thickness of 1/16" to 1/8" (1.5 to 3 mm).

FTLLB series shown with MLSL luer, FSLLR lock ring, CCLR color coding lock ring, and LNS lock nut.

**Threaded Panel Openings:** Tap the panel with threads from tube fittings, panel mounts or BPMBs and use a CCR color coded ring. In this case, the fitting tightened into the panel prevents fitting rotation. Use an LNS lock nut for additional security; tighten snug plus 1/4 turn only.

**Non-Threaded Panel Openings:** Use any one of the three panel patterns shown below with a CCLR lock ring and LNS lock nut. Together, the panel opening and CCLR prevent the panel mount fitting from rotating. Tighten LNS snug plus 1/4 turn only.
## TECHNICAL: Chemical Resistance of Resin

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>%</th>
<th>TEMP C</th>
<th>TEMP F</th>
<th>ABS</th>
<th>ACETAL</th>
<th>PVC/DVF</th>
<th>NYLON</th>
<th>POLYCARBONATE</th>
<th>POLYPROPYLENE</th>
<th>POLYSULFONE</th>
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</thead>
<tbody>
<tr>
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<td>5%</td>
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<td>73 F</td>
<td>Excellent</td>
<td>Unsatisfactory</td>
<td>Excellent</td>
<td>Satisfactory</td>
<td>Unsatisfactory</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Acetone</td>
<td>100%</td>
<td>50 C</td>
<td>122 F</td>
<td>Unsatisfactory</td>
<td>Unsatisfactory</td>
<td>Unsatisfactory</td>
<td>Satisfactory</td>
<td>Unsatisfactory</td>
<td>Excellent</td>
<td>Unsatisfactory</td>
</tr>
<tr>
<td>Acetophenone</td>
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<td>24 C</td>
<td>75 F</td>
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<td>—</td>
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<td>Excellent</td>
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<td>Excellent</td>
<td>—</td>
<td>—</td>
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<td>Excellent</td>
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<td>Sat. sol.</td>
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<td>75 F</td>
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<td>—</td>
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<td>—</td>
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<td>Excellent</td>
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<td>Excellent</td>
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<td>—</td>
<td>Excellent</td>
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<td>122 F</td>
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<td>—</td>
<td>Excellent</td>
<td>Unsatisfactory</td>
<td>Unsatisfactory</td>
<td>Unsatisfactory</td>
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<tr>
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<td>Dilute</td>
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<td>73 F</td>
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<td>Excellent</td>
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<td>122 F</td>
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<td>Ethylene Glycol</td>
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<td>73 F</td>
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<td>24 C</td>
<td>75 F</td>
<td>Unsatisfactory</td>
<td>—</td>
<td>Excellent</td>
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<td>73 F</td>
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<td>Satisfactory</td>
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<td>75 F</td>
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<td>Excellent</td>
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<td>Gasoline</td>
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<td>185 F</td>
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<td>Glycerin</td>
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<td>24 C</td>
<td>75 F</td>
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<td>—</td>
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<td>24 C</td>
<td>75 F</td>
<td>Excellent</td>
<td>—</td>
<td>Satisfactory</td>
<td>Excellent</td>
<td>Unsatisfactory</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
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<td>75 F</td>
<td>Excellent</td>
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<td>Excellent</td>
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<td>Excellent</td>
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<td>Excellent</td>
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<td>Excellent</td>
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</tr>
<tr>
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<td>75 F</td>
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<td>Isopropanol</td>
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<td>73 F</td>
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<td>Excellent</td>
<td>Call*</td>
<td>Excellent</td>
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<tr>
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<td>185 F</td>
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<td>Excellent</td>
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<tr>
<td>Methyl Ethyl Ketone</td>
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<td>122 F</td>
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<td>Satisfactory</td>
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<td>Unsatisfactory</td>
</tr>
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<td>Excellent</td>
<td>Satisfactory</td>
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<td>73 F</td>
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<td>Excellent</td>
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<td>—</td>
<td>Excellent</td>
<td>Satisfactory</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Ozone</td>
<td>100%</td>
<td>43 C</td>
<td>110 F</td>
<td>Satisfactory</td>
<td>—</td>
<td>Unsatisfactory</td>
<td>Unsatisfactory</td>
<td>Unsatisfactory</td>
<td>—</td>
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<tr>
<td>Phenol</td>
<td>90%</td>
<td>23 C</td>
<td>73 F</td>
<td>Unsatisfactory</td>
<td>Satisfactory</td>
<td>Excellent</td>
<td>Unsatisfactory</td>
<td>—</td>
<td>Excellent</td>
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</tr>
<tr>
<td>Phosphoric Acid</td>
<td>5%</td>
<td>98 C</td>
<td>208 F</td>
<td>Satisfactory</td>
<td>Satisfactory</td>
<td>Excellent</td>
<td>Unsatisfactory</td>
<td>Unsatisfactory</td>
<td>Excellent</td>
<td>Excellent</td>
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<tr>
<td>Propane</td>
<td>100%</td>
<td>23 C</td>
<td>73 F</td>
<td>Satisfactory</td>
<td>—</td>
<td>Excellent</td>
<td>Excellent</td>
<td>—</td>
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<td>Excellent</td>
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<tr>
<td>Sodium Bicarbonate</td>
<td>Conc.</td>
<td>24 C</td>
<td>75 F</td>
<td>Excellent</td>
<td>—</td>
<td>—</td>
<td>Excellent</td>
<td>—</td>
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<tr>
<td>Sodium Chloride</td>
<td>10%</td>
<td>23 C</td>
<td>73 F</td>
<td>Excellent</td>
<td>—</td>
<td>—</td>
<td>Excellent</td>
<td>—</td>
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<tr>
<td>Sodium Chloride</td>
<td>Sat. sol.</td>
<td>24 C</td>
<td>75 F</td>
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<td>—</td>
<td>Excellent</td>
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<tr>
<td>Sodium Hydroxide</td>
<td>10%</td>
<td>70 C</td>
<td>158 F</td>
<td>Satisfactory</td>
<td>—</td>
<td>Excellent</td>
<td>Satisfactory</td>
<td>—</td>
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<tr>
<td>Steam</td>
<td>—</td>
<td>120 C</td>
<td>248 F</td>
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<td>—</td>
<td>Excellent</td>
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<td>Excellent</td>
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<tr>
<td>Sulfuric Acid</td>
<td>30%</td>
<td>23 C</td>
<td>73 F</td>
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<td>—</td>
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<td>Excellent</td>
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<tr>
<td>Tetrahydrofuran</td>
<td>100%</td>
<td>23 C</td>
<td>73 F</td>
<td>Satisfactory</td>
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<td>—</td>
<td>Unsatisfactory</td>
<td>Excellent</td>
<td>—</td>
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<tr>
<td>Toluene</td>
<td>100%</td>
<td>50 C</td>
<td>122 F</td>
<td>Satisfactory</td>
<td>Unsatisfactory</td>
<td>Excellent</td>
<td>Satisfactory</td>
<td>Unsatisfactory</td>
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<tr>
<td>Trichloroethylene</td>
<td>100%</td>
<td>23 C</td>
<td>73 F</td>
<td>—</td>
<td>—</td>
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<td>Satisfactory</td>
<td>Unsatisfactory</td>
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<td>Water</td>
<td>100%</td>
<td>79 C</td>
<td>175 F</td>
<td>Excellent</td>
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<td>—</td>
<td>Excellent</td>
<td>Unsatisfactory</td>
<td>Excellent</td>
<td>Excellent</td>
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</tbody>
</table>

* Call Nordson MEDICAL technical support to review your application and the concentration of Isopropanol that will be used.

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<thead>
<tr>
<th>Material - Manufacturer &amp; Grade</th>
<th>VP Code</th>
<th>Regulatory Compliance of Base Resin*</th>
<th>RoHS Compliant</th>
<th>BPA Free</th>
<th>DEHP Free</th>
<th>Animal Derivative Free*</th>
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<tbody>
<tr>
<td>ABS (Lace White) - INEOS Lustran 348-000000</td>
<td>-81</td>
<td>USP Class VI Certified; ISO 10993 Part I Compliant</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>ABS, MABS (Methyl Methacrylate) - BASF Tanlux 2802 HD</td>
<td>SCV Series</td>
<td>USP Class VI Certified</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>ABS, MABS (Methyl Methacrylate) - BASF Tanlux 2802 TR</td>
<td>-8003</td>
<td>General Purpose</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>ABS (Snow White) - INEOS Lustran 348-012002</td>
<td>-8012</td>
<td>USP Class VI Certified; ISO 10993 Part I Compliant</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
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<tr>
<td>Acetal - DuPont Delrin 500P</td>
<td>-10</td>
<td>21 CFR 177.2480 FDA Approved</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Acetal Copolymer - BASF Ultratm N 23020 003</td>
<td>-1006, -1007</td>
<td>21 CFR 177.2470 FDA Approved</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Acrylic - Cyro Cyrolite Med 2</td>
<td>-50</td>
<td>USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1010 FDA Approved</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Nylon (PA 66) - DuPont Zytel 101F</td>
<td>-0, -1, -2, -3, -4, -5, -06, -07, -08B, -8, -8B, -CM030</td>
<td>21 CFR 177.1500 FDA Approved</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Nylon (PA 66) - DuPont Zytel SC310 NC010</td>
<td>-U1, -U5, -U01, -U05</td>
<td>USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1500 FDA Approved</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Nylon (Glass Reinforced) - DuPont Zytel FGFE5171</td>
<td>-U71, -U75</td>
<td>USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1500 FDA Approved</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Nylon (Glass Reinforced) - DuPont Zytel 70033L</td>
<td>-7, -72</td>
<td>21 CFR 177.1500 FDA Approved</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Polycarbonate (Clear) - Bayer Makrolon 2568 55015</td>
<td>-9</td>
<td>USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1580 FDA Approved</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Polycarbonate (Clear) - Bayer Makrolon Rx 1805 451118</td>
<td>-9010, SCV Series</td>
<td>USP Class VI Certified; ISO 10993 Compliant</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Polycarbonate (Tinted) - Sabic Lexan HPS1</td>
<td>-9024</td>
<td>USP Class VI Certified, ISO 10993 Compliant</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Polycarbonate (Tinted) - Styron Calibre Megarad 2081-15</td>
<td>-9002, DCV Series</td>
<td>ISO 10993 Compliant</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Polyethylene - LyondellBasell Purell PE 1840 H</td>
<td>SCV Series</td>
<td>Please call for details</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Polyethylene - Trilant HC5420-0002 LL Natural Resin</td>
<td>-VP1</td>
<td>USP Class VI Certified</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Polypropylene - Flint Hills PEM-080</td>
<td>-6005, -6006</td>
<td>USP Class VI Certified; 21 CFR 177.1520 FDA Approved</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Polysulfone - Sdvay Udell P1700 CL2611</td>
<td>-40</td>
<td>USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1655 FDA Approved</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>PVDF - Arkema Kyresar 1000 HD</td>
<td>-J1A</td>
<td>USP Class VI Certified; 21 CFR 177.2510 FDA Approved</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>SAN - BASF 3888 TR 77770</td>
<td>SCV Series</td>
<td>ISO 10993 Compliant</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Silicone - Wacker Rastor LR 3003</td>
<td>SCV Series</td>
<td>USP Class VI Certified</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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*As determined by resin manufacturer
### Common Resin Sterilization Stability

<table>
<thead>
<tr>
<th>Material</th>
<th>Gamma Radiation Sterilization*</th>
<th>Ethylene Oxide Sterilization</th>
<th>Autoclave Sterilization</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS (Lace White)</td>
<td>Compatible up to 5 Mrads</td>
<td>Good</td>
<td>Not suitable due to low heat deflection</td>
</tr>
<tr>
<td>ABS, MABS (Methyl Methacrylate)</td>
<td>Compatible up to 5 Mrads</td>
<td>Good</td>
<td>Not suitable due to low heat deflection</td>
</tr>
<tr>
<td>ABS (Sno White)</td>
<td>Highly compatible</td>
<td>Excellent</td>
<td>Poor; components may distort due to low heat deflection</td>
</tr>
<tr>
<td>Acetal</td>
<td>Highly compatible</td>
<td>Very good; some susceptibility to oxidizing agents</td>
<td>Poor; components may distort due to low heat deflection</td>
</tr>
<tr>
<td>Acetal Copolymer</td>
<td>Highly compatible</td>
<td>Excellent</td>
<td>Poor; components may distort due to low heat deflection</td>
</tr>
<tr>
<td>Acrylic</td>
<td>Highly compatible</td>
<td>Very good; may discolor to brownish hue</td>
<td>Poor; components may distort due to low heat deflection</td>
</tr>
<tr>
<td>Nylon (PA 66)</td>
<td>Highly compatible</td>
<td>Highly compatible</td>
<td>Not recommended</td>
</tr>
<tr>
<td>Nylon (PA 66)</td>
<td>Highly compatible</td>
<td>Highly compatible</td>
<td>Not recommended</td>
</tr>
<tr>
<td>Polycarbonate (Clear)</td>
<td>Compatible up to 10 Mrads</td>
<td>Excellent; light violet hue turns clear upon sterilization</td>
<td>Limited to 121˚C for 20 minutes due to low heat deflection</td>
</tr>
<tr>
<td>Polycarbonate (Tinted)</td>
<td>Compatible up to 10 Mrads</td>
<td>Excellent; may discolor</td>
<td>Limited to 121˚C for 20 minutes due to low heat deflection</td>
</tr>
<tr>
<td>Polyethylene</td>
<td>Highly compatible</td>
<td>Highly compatible</td>
<td>Not recommended</td>
</tr>
<tr>
<td>Polysulfone</td>
<td>Highly compatible</td>
<td>Highly compatible</td>
<td>Not recommended</td>
</tr>
<tr>
<td>PVDF</td>
<td>Highly compatible</td>
<td>Highly compatible</td>
<td>Not recommended</td>
</tr>
<tr>
<td>SAN</td>
<td>Very good; some susceptibility to oxidizing agents</td>
<td>Good</td>
<td>Not recommended</td>
</tr>
<tr>
<td>Silicone</td>
<td>Highly compatible</td>
<td>Good</td>
<td>Not recommended</td>
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</table>

*1 Megard (Mrad) = 10 kilograys (kGy)
### TECHNICAL:

#### Typical Resin Properties

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<tr>
<th>Property</th>
<th>ASTM Test Method</th>
<th>PVDF</th>
<th>Polycarb</th>
<th>Radiation Stable PC</th>
<th>Polypro</th>
<th>Nylona</th>
<th>GF Nylona</th>
<th>ABS</th>
<th>MABS</th>
<th>Polysulfone</th>
<th>Acetal</th>
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</thead>
<tbody>
<tr>
<td>Tensile Strength</td>
<td>D638</td>
<td>5,400</td>
<td>10,000</td>
<td>9,800</td>
<td>—</td>
<td>12,000</td>
<td>27,000</td>
<td>4,800</td>
<td>—</td>
<td>—</td>
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</tr>
<tr>
<td>Elongation at Break, %</td>
<td>D638</td>
<td>100-400</td>
<td>120</td>
<td>150</td>
<td>375</td>
<td>300</td>
<td>3</td>
<td>50</td>
<td>12</td>
<td>50-100</td>
<td>40</td>
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<tr>
<td>Tensile Yield Strength, psi</td>
<td>D638</td>
<td>6,500</td>
<td>9,200</td>
<td>9,800</td>
<td>4,400</td>
<td>12,000</td>
<td>—</td>
<td>5,700</td>
<td>6,960</td>
<td>10,200</td>
<td>9,900</td>
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<tr>
<td>Flexural Modulus, kpsi</td>
<td>D790</td>
<td>360</td>
<td>330</td>
<td>350</td>
<td>170</td>
<td>410</td>
<td>1,300</td>
<td>330</td>
<td>—</td>
<td>390</td>
<td>450</td>
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<td>Rockwell Hardness D</td>
<td>D785</td>
<td>—</td>
<td>R118</td>
<td>R118</td>
<td>R80-102</td>
<td>R121</td>
<td>—</td>
<td>R107</td>
<td>—</td>
<td>R122</td>
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<td>Rockwell Hardness M</td>
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<td>M75</td>
<td>M72</td>
<td>—</td>
<td>M79</td>
<td>M101</td>
<td>—</td>
<td>—</td>
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<td>Shore Hardness D</td>
<td>D2240</td>
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<tr>
<td>Coef. of Linear 10-5 in/in/°F</td>
<td>D696</td>
<td>7.6</td>
<td>3.9</td>
<td>3.8</td>
<td>—</td>
<td>4</td>
<td>1.3</td>
<td>5.5</td>
<td>—</td>
<td>3.1</td>
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<tr>
<td>Deflection Temp°F @264psi</td>
<td>D648</td>
<td>244</td>
<td>266</td>
<td>252</td>
<td>—</td>
<td>194</td>
<td>480</td>
<td>173</td>
<td>194</td>
<td>345</td>
<td>216</td>
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<tr>
<td>Deflection Temp°F @66psi</td>
<td>D648</td>
<td>—</td>
<td>273</td>
<td>—</td>
<td>190</td>
<td>455</td>
<td>—</td>
<td>—</td>
<td>201</td>
<td>358</td>
<td>332</td>
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<tr>
<td>Water Absorption, %, 24 h</td>
<td>D570</td>
<td>0.015</td>
<td>0.15</td>
<td>0.15</td>
<td>0</td>
<td>1.2</td>
<td>0.7</td>
<td>0.25-0.40</td>
<td>0.7</td>
<td>0.3</td>
<td>0.4</td>
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<td>Izod Impact, (Notched) ft-lb/in</td>
<td>D256</td>
<td>3.1</td>
<td>16.0</td>
<td>14.0</td>
<td>0.5</td>
<td>1.0</td>
<td>2.2</td>
<td>6.0</td>
<td>1.31</td>
<td>1.3</td>
<td>—</td>
</tr>
</tbody>
</table>

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<table>
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<tr>
<th>Trademark</th>
<th>Value Plastics®</th>
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<tr>
<td>1,428,380</td>
<td>Corporate Trademark. The stylized design associated with Value Plastics® products and services.</td>
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<table>
<thead>
<tr>
<th>Trademark</th>
<th>BUILD-A-PART®</th>
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<tr>
<td>3,838,623</td>
<td>Trademark for our non-metal bondable fittings.</td>
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</table>

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