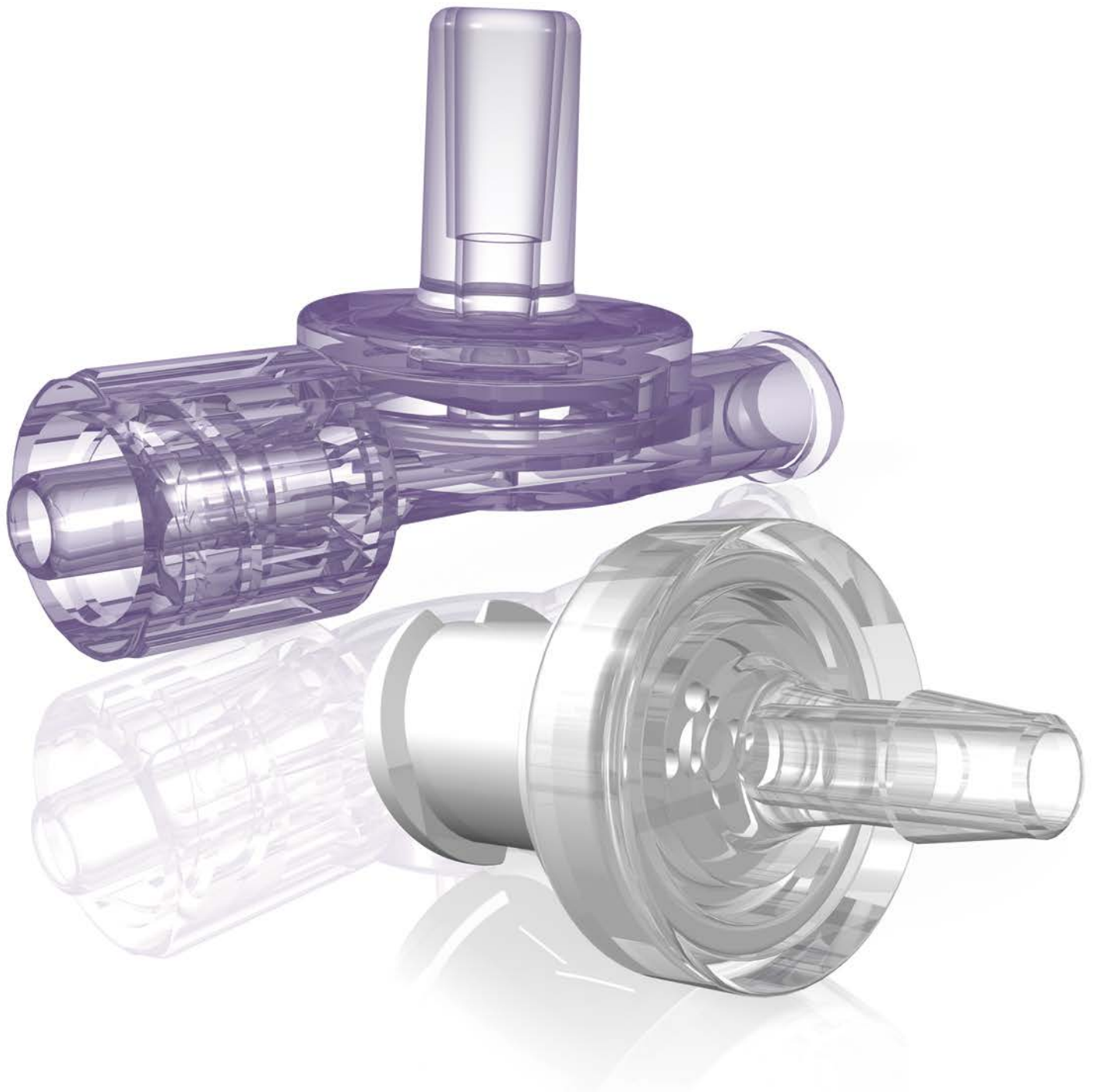


CHECK

Valves



Single Check Valves

SCV Series products are available in anti-siphon, one-way, and barbed check valve configurations in a variety of materials and end fittings. The barbed check valves feature 3/32" (2.4 mm) and 1/8" (3.2 mm) single barb ends in barb to barb straight through, reducing, and barb to male/female luer configurations. 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 check valves include DEHP- and latex-free silicone diaphragms and 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

- 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 entrapment readily alleviated during priming
- Operate in any spatial orientation
- Normally closed valve for optimum flow control
- Lowest cracking pressure on the market

Benefits

- Controlled directional flow helps prevent backflow
- Guaranteed avoidance of cross-contamination from one part of a line to another
- Prevents unwanted free flow under gravity
- Improves air vent functionality for applications such as enteral feeding

ANTI-SIPHON

Check Valves



SCV06018

Check Valve, Socket Fitments for .095" (2.4 mm) OD Tubing, White and Clear MABS with Silicone Diaphragm

Cracking Pressure: \leq .100 psig
Max. Back Pressure: 116 psig
Flow Rate: \geq 110 ml/min



SCV06248

Check Valve, Pocket for .161" (4.0 mm) OD Tubing to Male Locking Luer, Clear MABS and Blue SAN with Silicone Diaphragm

Cracking Pressure: 2.176-3.626 psig
Max. Back Pressure: 304.579 psig
max 30 sec.
Flow Rate: 170 ml/min



SCV06329

Check Valve, Female Luer Lock (Linden Luer) Reduced Outer Diameter to .161" (4.1 mm) Socket, Clear and Blue SAN with Silicone Diaphragm

Cracking Pressure: 1.450-4.351 psig
Max. Back Pressure: 304.579 psig
max 30 sec.
Flow Rate: 200 ml/min



SCV06308

Check Valve, Female Locking Luer to Pocket for .098" (2.5 mm) OD Tubing, Clear Transparent Polycarbonate and Green Polycarbonate with Silicone Diaphragm

Cracking Pressure: 2.9 +/- 0.725 psig
Max. Back Pressure: 304.5 psig
Flow Rate with Glucose: \geq 150 ml/min



SCV06264

Check Valve, Pocket for .161" (4.0 mm) OD Tubing to .161" (4.0 mm) OD Tubing, Clear and Blue MABS with Silicone Diaphragm

Cracking Pressure: 1.450-4.351 psig
Max. Back Pressure: 304.579 psig
Flow Rate: max 200 ml/min



SCV06252

Check Valve, Female Locking Luer to Male Locking Luer, Clear Transparent SAN and Blue Transparent SAN with Silicone Diaphragm

Cracking Pressure: 2.9 +/- 0.725 psig
Max. Back Pressure: 304.5 psig
Flow Rate with Glucose: \geq 150 ml/min



SCV06335

Check Valve, Female Locking Luer to Pocket for .118" (3.0 mm) OD Tubing, White Polycarbonate and Transparent Polycarbonate with Silicone Diaphragm

Cracking Pressure: 2.9 +/- 0.725 psig
Max. Back Pressure: 304.5 psig
Flow Rate: \geq 150 ml/min



SCV06272

Check Valve, Pocket for .161" (4.1 mm) OD Tubing to Female Locking Luer, Transparent SAN and Blue Transparent MABS with Silicone Diaphragm

Cracking Pressure: 2.9 +/- 0.725 psig
Max. Back Pressure: 304.5 psig
Flow Rate: \geq 150 ml/min



SCV06352

High Flow Check Valve, Pocket for .346" (8.8 mm negative) OD Tubing to Pocket for .346" (8.8 mm negative) OD Tubing, Clear MABS with Silicone Diaphragm

Cracking Pressure: \leq .290 psig
Max. Back Pressure: 14.500 psig
Flow Rate: \geq 1000 ml/min



SCV06246

Check Valve, Pocket for .122" (3.1 mm) OD Tubing to Male Locking Luer, Clear Transparent MABS and Blue Transparent SAN with Silicone Diaphragm

Cracking Pressure: 2.9 +/- 0.725 psig
Max. Back Pressure: 304.5 psig
Flow Rate: \geq 150 ml/min



SCV06249

Check Valve, Pocket for .165" (4.2 mm) OD Tubing to Male Locking Luer, Transparent MABS and Blue Transparent SAN with Silicone Diaphragm

Cracking Pressure: 2.9 +/- 0.725 psig
Max. Back Pressure: 304.5 psig
Flow Rate: \geq 150 ml/min

ONE-WAY

Check Valves



SCV08053

Check Valve, Female Locking Luer to Male Locking Luer with Cap, White SAN with Silicone Diaphragm with Natural LDPE

Cracking Pressure: $\leq .174$ psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min



SCV22050

Check Valve, Socket for .118" (3.0 mm) ID x .161" (4.1 mm) OD to Male Locking Luer, Clear SAN and Clear MABS with Silicone Diaphragm

Cracking Pressure: $\leq .174$ psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min



VPS5401068N

Check Valve, Male/Female Luer, 420 mL/min Flow Rate at 1 M Head 30 psi Back Pressure, 1/4 psi Inlet Cracking Pressure, Polycarbonate with Silicone Disc



SCV10090

Check Valve, Female Locking Luer to Pocket for .118" (3.0 mm) OD Tubing, Clear Polycarbonate with Silicone Diaphragm

Cracking Pressure: $\leq .174$ psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min



SCV06265

Check Valve, Autoclavable, Socket for .122" (3.1 mm) ID x .165" (4.2 mm) OD Tubing x 2, Blue and Clear Polycarbonate with Silicone Diaphragm

Cracking Pressure: $\leq .087$ psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 150 ml/min



VPS5401020N

Check Valve, Male/Female Luer, 129 mL/min Flow Rate at 100 mmHg, 45 psi Back Pressure, 1-5 psi Inlet Cracking Pressure, Polycarbonate with Silicone Disc



SCV17090

Check Valve, Female Locking Luer to Socket for .118" (3.0 mm) ID x .161" (4.1 mm) OD Tubing, Clear Polycarbonate with Silicone Diaphragm

Cracking Pressure: $\leq .174$ psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min



SCV23050

Check Valve, Female Locking Luer to Male Locking Luer, Clear SAN with Silicone Diaphragm

Cracking Pressure: $\leq .174$ psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min



VPS5401036SN

Reflux Check Valve, Male/Female Luer, 350 mL/min Flow Rate at 1 M Head, 45 psi Back Pressure, Opens at 284 mmHg, Polycarbonate with Silicone Disc



SCV21053

Check Valve, Socket for .118" (3.0 mm) ID x .161" (4.1 mm) OD Tubing x 2, White and Clear MABS with Silicone Diaphragm

Cracking Pressure: $\leq .174$ psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min



SCV25052

Air Pressure Relief Valve, Stem for .157" (4.0 mm) ID Tubing to Stem for .118" (3.0 mm) ID Outlet, Blue SAN and Clear MABS with Silicone Diaphragm

Cracking Pressure: $\leq .174$ psig
Max. Back Pressure: 87.023 psig
Flow Rate: ≥ 90 ml/min



VPS5401001N

Check Valve, Male Slip Luer, 420 mL/min Flow Rate at 1M Head, 30 psi Back Pressure, 1/4 psi Inlet Cracking Pressure, ABS Housing with Silicone Discs

BARBED

Check Valves



SCV67220

Check Valve, 200 Series Barbs, 3/32" (2.4 mm) ID Tubing x 3/32" (2.4 mm) ID Tubing, White and Clear MABS with Silicone Diaphragm

Cracking Pressure: \leq .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: \geq 150 ml/min



SCV67230/220

Check Valve, Barb for 1/8" (3.2 mm) x 3/32" (2.4 mm) ID Tubing, White and Clear MABS with Silicone Diaphragm

Cracking Pressure: \leq .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: \geq 150 ml/min



SCV67220/230

Check Valve, 200 Series Barbs, 3/32" (2.4 mm) ID Tubing x 1/8" (3.2 mm) ID Tubing, White and Clear MABS with Silicone Diaphragm

Cracking Pressure: \leq .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: \geq 150 ml/min



SCV67230

Check Valve, 200 Series Barbs, 1/8" (3.2 mm) ID Tubing x 1/8" (3.2 mm) ID Tubing, White and Clear MABS with Silicone Diaphragm

Cracking Pressure: \leq .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: \geq 150 ml/min



SCV67FL/220

Check Valve, 200 Series Barbs, 3/32" (2.4 mm) ID Tubing x Female Luer Thread Style, White SAN and Clear MABS with Silicone Diaphragm

Cracking Pressure: \leq .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: \geq 150 ml/min



SCV67FL/230

Check Valve, 200 Series Barbs, 1/8" (3.2 mm) ID Tubing x Female Luer Thread Style, White SAN and Clear MABS with Silicone Diaphragm

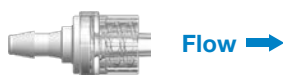
Cracking Pressure: \leq .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: \geq 150 ml/min



SCV67220/ML

Check Valve, Male Locking Luer x 200 Series Barb, 3/32" (2.4 mm) ID Tubing, White SAN and Clear MABS with Silicone Diaphragm

Cracking Pressure: \leq .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: \geq 150 ml/min



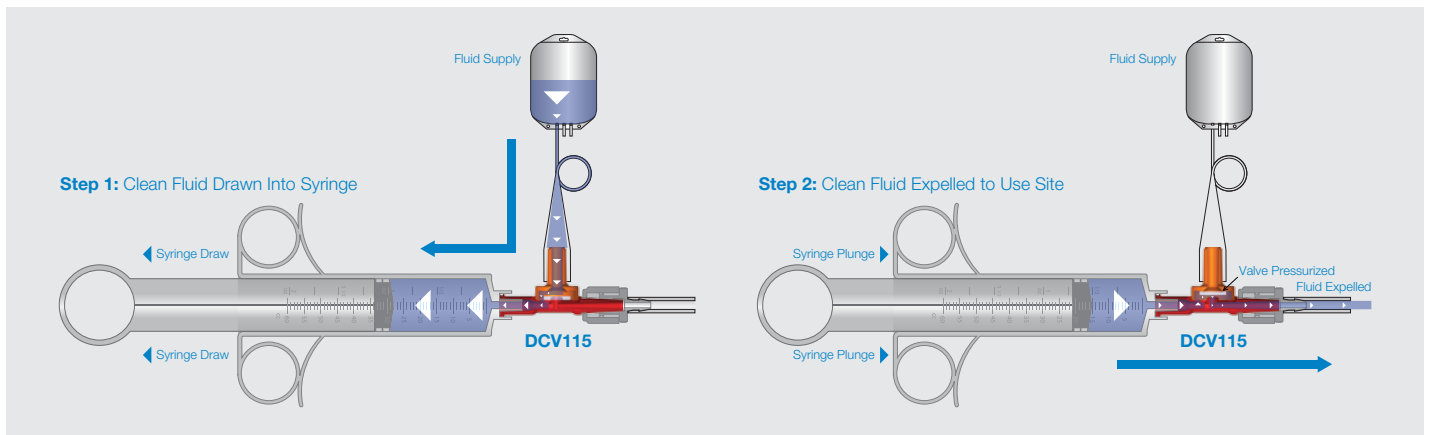
SCV67230/ML

Check Valve, Male Locking Luer x 200 Series Barb, 1/8" (3.2 mm) ID Tubing, White SAN and Clear MABS with Silicone Diaphragm

Cracking Pressure: \leq .087 psig
Max. Back Pressure: 116.030 psig
Flow Rate: \geq 150 ml/min

Double Check Valves

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.



DCV114 (-001)

Double Check Valve, Tubing Pocket Chimney Port, Radiation-Stable Polycarbonate with Biomed Grade Silicone Diaphragm, Cracking Pressure: 2-5 psi



DCV115 (-001)

Double Check Valve, Tubing Pocket Chimney Port, Rotating Luer Lock Exit Port, Radiation-Stable Polycarbonate with Biomed Grade Silicone Diaphragm, Cracking Pressure: 2-5 psi



DCV125 (-001)

Double Check Valve, Female Luer Chimney Port, Rotating Luer Lock Exit Port, Radiation-Stable Polycarbonate with Biomed Grade Silicone Diaphragm, Cracking Pressure: 2-5 psi

MAR-CHECKVALVES-BR-01

IN-STOCK

Components & Tools



Experts in Medical Device Design, Manufacturing & Component Technologies

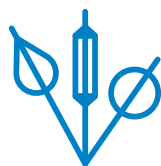
Browse our online store, with more than 7,000 stock components and technologies, most ready to ship within 24 hours.



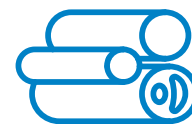
Components & Technologies



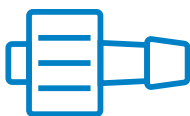
Catheters & Cannulae



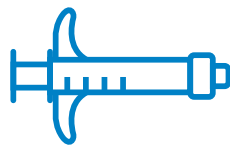
Medical Balloons



Medical Tubing



Fluid Management Components



Biomaterial Delivery Devices



Nitinol Components