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 fitments. 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: ≤ .100 psig
Max. Back Pressure: 73 psig
Flow Rate: ≥ 110 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: ≥ 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: ≥ 150 ml/min

**SCV06024**
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
Flow Rate: 170 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: ≥ 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: ≤ .290 psig
Max. Back Pressure: 14.500 psig
Flow Rate: ≥ 1000 ml/min

**SCV06249**
Check Valve, Pocket for .165” (4.2 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: ≥ 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: ≤ .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: ≤ .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: ≤ .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: ≤ .087 psig
Max. Back Pressure: 73 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: ≤ .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: ≤ .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: ≤ .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: ≤ .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: ≤ .087 psig
Max. Back Pressure: 73 psig
Flow Rate: ≥ 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: ≤ .087 psig
Max. Back Pressure: 73 psig
Flow Rate: ≥ 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: ≤ .087 psig
Max. Back Pressure: 73 psig
Flow Rate: ≥ 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: ≤ .087 psig
Max. Back Pressure: 73 psig
Flow Rate: ≥ 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: ≤ .087 psig
Max. Back Pressure: 73 psig
Flow Rate: ≥ 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: ≤ .087 psig
Max. Back Pressure: 73 psig
Flow Rate: ≥ 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: ≤ .087 psig
Max. Back Pressure: 73 psig
Flow Rate: ≥ 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: ≤ .087 psig
Max. Back Pressure: 73 psig
Flow Rate: ≥ 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.

**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

**DCV114 (-001)**
Double Check Valve, Tubing Pocket Chimney 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
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