



VALUE PLASTICS, INC.
SPECIALISTS IN FLUID CONNECTIONS™

SCV Series products are available in anti-siphon or one-way check valve configurations in a variety of materials and end fittings. The valves feature low priming volume, ease of removing air bubbles during priming and operate in any spatial orientation. All products feature DEHP- and latex-free silicone diaphragms and all materials of construction satisfy USP Class VI and ISO 10993 criteria.

THE SCV SERIES
CHECK VALVES



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 bubbles completely removable during priming
- Operate in any spatial orientation



















SPECIFICATIONS

- Materials:**
Housing - ABS, SAN, Lipid Resistant PC
Diaphragm - Latex-free Silicone
- Cracking Pressure Ranges:**
One-way Check Valves: ≤12 mBar (.174 psig)
Anti-Siphon Valves: 100-300 mBar (1.450 - 4.351 psig)
- Retrograde:**
≤0.1 ml/h at 0.5 ml/h flow rate

For more information and samples, please visit www.valueplastics.com

CHECK VALVES LEADERSHIP CHECK VALVES PRECISION CHECK VALVES VERSATILE CHECK VALVES INNOVATION CHECK VALVES
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**SPECIALISTS
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CONNECTIONS**

	Ports (flow direction)	Cracking Pressure	Max. Back Pressure	Flow Rate	Materials
	SCV01092 Socket for .122" (3.1 mm) ID x .165" (4.2 mm) OD tubing, x 2	≤ 12 mBar ≤ .174 psig	6 bar 87.023 psig	≥ 90 ml/min ≥ .0237 gal/min	Polycarbonate, Silicone
	SCV08053 Female locking luer to male locking luer	≤ 12 mBar ≤ .174 psig	6 bar 87.023 psig	≥ 90 ml/min ≥ .0237 gal/min	SAN, LDPE, Silicone
	SCV10090 Female locking luer to pocket for .118" (3.0 mm) OD tubing	≤ 12 mBar ≤ .174 psig	6 bar 87.023 psig	≥ 90 ml/min ≥ .0237 gal/min	Polycarbonate, Silicone
	SCV17090 Female locking luer to socket for .118" (3.0 mm) x .161" (4.1 mm) OD tubing	≤ 12 mBar ≤ .174 psig	6 bar 87.023 psig	≥ 90 ml/min ≥ .0237 gal/min	Polycarbonate, Silicone
	SCV21053 Socket for .118" (3.0 mm) x .161" (4.1 mm) tubing x 2	≤ 12 mBar ≤ .174 psig	6 bar 87.023 psig	≥ 90 ml/min ≥ .0237 gal/min	ABS, Silicone
	SCV22050 Socket for .118" (3.0 mm) x .161" (4.1 mm) tubing to male locking luer	≤ 12 mBar ≤ .174 psig	6 bar 87.023 psig	≥ 90 ml/min ≥ .0237 gal/min	ABS, SAN, Silicone
	SCV23050 Female locking luer to male locking luer	≤ 12 mBar ≤ .174 psig	6 bar 87.023 psig	≥ 90 ml/min ≥ .0237 gal/min	SAN, Silicone
	SCV25052 Stem for .157" (4.0 mm) ID tube to stem for .118" (3.0 mm) ID tube	≤ 12 mBar ≤ .174 psig	6 bar 87.023 psig	≥ 250 ml/min ≥ .0660 gal/min	ABS, SAN, Silicone
	SCV03052 Pocket for .165" (4.2 mm) OD tubing to socket fitting .122" (3.1 mm) ID x .165" (4.2 mm) OD tubing	100-300 mBar 1.450 - 4.351 psig	21 bar, max 30 sec. 304.579 psig, max 30 sec.	max 200 ml/min max .0528 gal/min	ABS, Silicone
	SCV04052 Female locking luer to Male locking luer	100-300 mBar 1.450 - 4.351 psig	21 bar, max 30 sec. 304.579 psig, max 30 sec.	max 200 ml/min max .0528 gal/min	SAN, Silicone
	SCV05052 Pocket for .165" (4.2 mm) OD tubing to male locking luer	100-300 mBar 1.450 - 4.351 psig	21 bar, max 30 sec. 304.579 psig, max 30 sec.	max 200 ml/min max .0528 gal/min	ABS, SAN, Silicone
	SCV06052 Female locking luer to socket fitting .122" (3.1 mm) ID to .165" (4.2 mm) OD tubing	100-300 mBar 1.450 - 4.351 psig	21 bar, max 30 sec. 304.579 psig, max 30 sec.	max 200 ml/min max .0528 gal/min	ABS, Silicone
	SCV07052 Pocket for .122" (3.1 mm) OD tubing to male locking luer	100-300 mBar 1.450 - 4.351 psig	6 bar 87.023 psig	max 200 ml/min max .0528 gal/min	ABS, SAN, Silicone
	SCV09093 Female locking luer to pocket for .118" (3.0 mm) OD tubing	100-300 mBar 1.450 - 4.351 psig	6 bar 87.023 psig	max 200 ml/min max .0528 gal/min	Polycarbonate, Silicone
	SCV11095 Female locking luer to pocket for .098" (2.5 mm) OD tubing	100-300 mBar 1.450 - 4.351 psig	6 bar 87.023 psig	max 200 ml/min max .0528 gal/min	Polycarbonate, Silicone
	SCV12052 Female locking luer to male locking luer	100-300 mBar 1.450 - 4.351 psig	6 bar 87.023 psig	max 200 ml/min max .0528 gal/min	SAN, Silicone
	SCV15050 Pocket for .165" (4.2 mm) OD tubing to male locking luer	100-300 mBar 1.450 - 4.351 psig	6 bar 87.023 psig	max 200 ml/min max .0528 gal/min	ABS, SAN, Silicone
	SCV16090 Female locking luer to pocket for .118" (3.0 mm) OD tubing	100-300 mBar 1.450 - 4.351 psig	6 bar 87.023 psig	max 200 ml/min max .0528 gal/min	Polycarbonate, Silicone



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