

Plastic Low Pressure Check Valves



Polypropylene Check Valves

— Low Pressure —

Chemical Resistant Check Valves are constructed of polypropylene with EPDM or Viton® seals. Rated to 125 psi and 140° F. Standard with stainless steel spring.

These valves will work in either a horizontal or vertical position. Inlet and outlet is FPT. Cracking pressure is 1 psi.



Part No.	FPT Ports	Seal	Max. PSI
SM 681-4E	1/4"	EPDM	125
SM 683-6E	3/8"	EPDM	125
SM 685-8E	1/2"	EPDM	125
SM 687-12E	3/4"	EPDM	125
SM 681-4VV	1/4"	Viton®	125
SM 683-6VV	3/8"	Viton®	125
SM 685-8VV	1/2"	Viton®	125
SM 687-12VV	3/4"	Viton®	125



Check Valve (Tube x Tube)

Allows Flow in One Direction
Gray/Black Acetal Bodies, Poly/EPDM

Part No.	TUBE O.D.	Type	Cracking PSI	Discount Pkg/10
LM SCV14	1/4"	Gray	1/3 PSI	15%
LM NC2718	1/4"	Gray	5 PSI	15%
LM NC2718E	1/4"	Black	5 PSI	15%
LM SCV38	3/8"	Gray	1/3 PSI	15%



Polypropylene Check Valves (Tube X Tube)

- Viton® Seals • 316SS Spring & Ball



Part No.	Tube O.D.	Opening Pressure (PSI)
BU CV1101-P14	1/4"	1.0
BU CV1101-P56	5/16"	1.0
BU CV1101-P38	3/8"	1.0

Hose Barb Polypropylene Check Valves

— Low Pressure —

- Polypropylene Bodies • Viton® Seals
- 316SS Ball • 1 PSI Crack Opening Pressure



Part No.	Hose Barb
BU CV1101-B14	1/4"
BU CV1101-B38	3/8"
BU CV1101-B12	1/2"



Push Lock Check Valve

- Buna Seals • 1/2" x 1/2" Acetal Body, Nitrile Seal
- Push Tube Connect, 150 PSI @ 70° F.



Part No.	Size
LM ACHV0707	1/2" x 1/2"

Push True-Seal™ Check Valves



Push-to-Connect Check Valves ensure protection against reverse flow. Can be used with thermoplastic or soft metal tubings. Acetal body and EPDM o-ring are designed for liquids only. Rated for +34° F. to 150° F. and up to 150 PSI. Cracking pressure is 1/3 PSI.

Part No.	Tube	Tube
PA A4VC4	1/4"	1/4"
PA A6VC6	3/8"	3/8"

10% Discount on Packs of 25

Viton® is a registered trademark of DuPont Performance Elastomers

LOW PRESSURE Kynar Check Valves

Black Kynar, (PVDF) Check Valves

feature Viton seal and Hastelloy spring and Teflon ball. This combination is extremely resistant to a very wide variety of chemicals and solutions. Can be used in vertical or horizontal positions. Cracking pressure is 1 PSI, Maximum pressure is 125 PSI. Maximum temperatures to 140° F. Inlet/out ports are FPT, Hose barb or Push tube connect.



Part No.	Inlet	Outlet	Seal
SM K426-4F4FF	1/4" FPT	1/4" FPT	Viton®
SM K426-4H4HF	1/4" Barb	1/4" Barb	Viton®
SM K426-6H6HF	3/8" Barb	3/8" Barb	Viton®
SM K426-8H8HF	1/2" Barb	1/2" Barb	Viton®
SM K426-4T4TF	1/4" Tube	1/4" Tube	Viton®
SM K426-6T6TF	3/8" Tube	3/8" Tube	Viton®

LOW PRESSURE PVC Check Valves

Gray PVC Check Valves feature either EPDM or Viton® seal, stainless ball and stainless spring. Can be used in vertical or horizontal positions. Cracking pressure is 1 PSI. Maximum pressure is 125 PSI. Maximum temperatures to 140° F. Inlet/outlet ports are male or female NPT, Hose barb or push tube connect. (These valves are a good choice for Soft Wash applications).



Part No.	Inlet	Outlet	Seal
SM 426-4F4FF	1/4" FPT	1/4" FPT	Viton®
SM 426-4F4MF	1/4" FPT	1/4" MPT	Viton®
SM 426-4F4ME	1/4" FPT	1/4" MPT	EPDM
SM 426-4M4MF	1/4" MPT	1/4" MPT	Viton®
SM 426-4H4HF	1/4" Barb	1/4" Barb	Viton®
SM 426-6H6HF	3/8" Barb	3/8" Barb	Viton®
SM 426-8H8HF	1/2" Barb	1/2" Barb	Viton®
SM 426-4T4TF	1/4" Tube	1/4" Tube	Viton®
SM 426-6T6TF	3/8" Tube	3/8" Tube	Viton®

Angle Check Valves



Angle Check Valves from Kingston are designed for backflow prevention of water, oil or gas. KAC series check valves are 304SS construction. Rated to 230 PSI and 428° F. Cracking pressure is 3 PSI. Ports are 1/2" to 2" FPT.

Part No.	Size	Length
KG KACD3N15	1/2" FPT	2.75"
KG KACD3N20	3/4" FPT	2.99"
KG KACD3N25	1" FPT	3.58"
KG KACD3N40	1-1/2" FPT	4.57"
KG KACD3N50	2" FPT	5.43"

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