

Miniature Check Valves

Install in any position— use with liquids and gases



Breaking pressure is 0.18 psi, closing pressure is 0.014 psi. Maximum temperature (at maximum psi) is 250°F (121°C) for "A" and "C"; 200°F (93°C) for "B."

Note: Valves require 1 psi back pressure for a tight seal.

Tubing ID	C _v	Working pressure	Catalog number	Price
A. Nylon body and fluorosilicone diaphragm				
1/8"	0.12	3 to 5 psi (0.2 to 0.3 bar)	GH-98553-00	
3/16"	0.13		GH-98553-01	
1/4"	0.13		GH-98553-02	
B. PP body and Viton® diaphragm				
1/8"	0.11	3 to 5 psi (0.2 to 0.3 bar)	GH-98553-10	
3/16"	0.12		GH-98553-11	
1/4"	0.12		GH-98553-12	
5/16"	0.13		GH-98553-13	
C. PVDF body and Viton diaphragm				
3/16"	0.12	3 to 5 psi (0.2 to 0.3 bar)	GH-98553-21	
1/4"	0.12		GH-98553-22	
3/8"	0.12		GH-98553-34	

Stopcocks with Flow Indication

No guessing—flow indicator on handle

- Maximum pressure is 150 psi; max temperature is 170°F; max vacuum is 29.9" Hg
- PVC bodies with EPDM seals and seats



Connections	Orifice	Catalog number	Price
NPT(F) x NPT(F)	1/4"	GH-06225-50	
NPT(M) x NPT(M)	1/4"	GH-06225-52	
NPT(M) x hose	1/4"	GH-06225-54	
Hose x hose	1/4" to 1/2"	GH-06225-56	
NPT(M) x NPT(F)	1/4"	GH-06225-58	

Poppet Check Valves

Install in any position

- Made of PFA, with Viton® O-rings
- Maximum pressure 100 psi, with temperature range of 0 to 300°F



NPT(F)	C _v	Breaking pressure	Catalog number	Price
1/4"	0.75	1.0 psi	GH-06373-57	
1/2"	4.0	1.75 psi	GH-06373-59	

Cole-Parmer® Inert In-Line Check Valves

No maintenance required

- No metal components—
inert flow path
- No back flow leakage with
back pressure of 0 to 100 psi
- Ideal for high-purity,
low-pressure
applications



Specifications

Connection: 1/4-28 UNF

Max back pressure: 100 psi

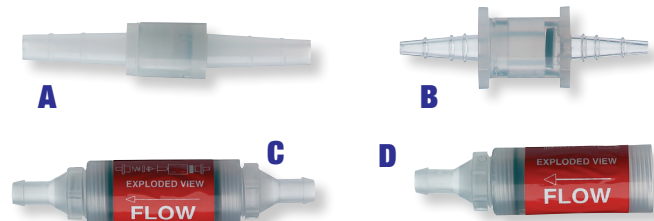


C _v	Housing	Check element material	Breaking pressure	Catalog number	Price
A. Outlet valve; flow enters at male connection					
0.0074	PEEK	EPDM	0.99 psi	GH-01355-00	
0.0061		FFKM	0.23 psi	GH-01355-04	
B. Inlet valve; flow enters at female connection					
0.0074	PEEK	EPDM	0.99 psi	GH-01355-12	
0.0061		FFKM	0.23 psi	GH-01355-16	
C. Female valve; female connection on each end					
0.0074	PEEK	EPDM	0.99 psi	GH-01355-24	
0.0061		FFKM	0.23 psi	GH-01355-28	

Check and Foot Valves with Hose Barb Connections

Easy control of low-pressure applications

Choose from economical LDPE with neoprene disc; autoclavable PP with neoprene disc; or autoclavable PP with Hastelloy C® springs, O-rings made of Viton®, and built-in 149-µm screen.



Tubing ID	Breaking pressure	Max pressure	Catalog number	Price
A. LDPE valves; -14 to 76°F (-26 to 24°C)				
5/16" to 1/4"	1 psi	10 psi (0.69 bar)	GH-06308-10	/ea*
B. PP valves; -14 to 250°F (-26 to 121°C)				
1/8" to 1/4"	1/2 psi	20 psi (1.4 bar)	GH-06304-10	/bg of 6
1/4" to 3/8"			GH-06304-20	/bg of 6
3/8" to 1/2"			GH-06304-30	/bg of 6
C. PP check valves with built-in screen; 32 to 140°F (0 to 60°C)				
3/8"	1 psi	50 psi (3.4 bar)	GH-07091-55	/ea
1/2"			GH-07091-60	/ea
D. PP foot valves with built-in screen; 32 to 140°F (0 to 60°C)				
3/8"	1 psi	50 psi (3.4 bar)	GH-07091-65	/ea
1/2"			GH-07091-70	/ea