

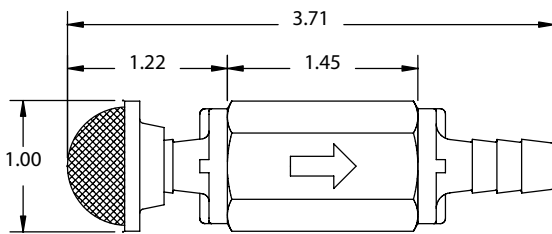


Vertically Integrated, Made in the USA

THE SPECIALTY MFG. CO.

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426 SERIES FOOT VALVE



Design Considerations

The 426 Series Foot Valve design promotes multiple outlet end configurations to fit the exact end use application. The inlet end is a 3/8" Hose Barb with a 40 Mesh Stainless Suction Strainer screen installed. Gray PVC with 1 psi stainless spring and ball is the standard configuration. Nylon, PVDF (Kynar®) and Glass Filled Polypropylene are available for chemical resistant applications. MakroBlend is an NSF Standard 51 Approved Material. Hastelloy is a superior chemically resistant spring material. Teflon® balls are standard with Hastelloy springs for chemical resistant applications.

Maximum Operating Pressure — 125 psi
Maximum Operating Temperature — 140°F
Seat Area Open Diameter — .250

Options

Material Options	Gray PVC (Standard), White PVC, Black Polypropylene, White Polypropylene, Black Nylon, White Nylon, MakroBlend, Black PVDF (Kynar®)	
Seal Options	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®)	
End Options	1/8, 1/4 Male and Female NPT 1/8, 1/4, 5/16, 3/8, 1/2 Hose Barb 1/8, 1/4 JACO	1/4, 3/8 SMC Push-To-Connect 3/8 BIB (Smooth Barb)
Cracking Pressure	302 Stainless Spring - 1/3 psi, 1 psi (Standard), 1.5, 3, 5, 7, 10, 12 psi or No Spring, Hastelloy Spring - 1/3, 1, 3, 5, 12psi	
Ball Material	316 Stainless - Standard With Stainless Spring Teflon® - Standard With Hastelloy Spring	

Example of How To Order

Body Material PVC	Inlet End 3/8 Barb	Outlet End 1/4 FNPT	Seal Buna-N	Spring 3 psi	Ball Material Stainless
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SMC Part Number: PVC FOOT 426-6B4F-B,3#

The flow arrow on the body will point from Inlet to Outlet. SMC Part Numbers are a description of the valve as read left to right, Inlet to Outlet.

Example: PVC FOOT 426-6B4F-B,3# - 3/8 Barb with screen Inlet x 1/4 FNPT Outlet

SMC will quote alternate materials or customize our standard products when quantities ensure competitive pricing.