

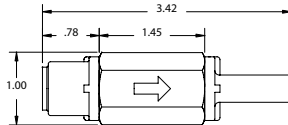
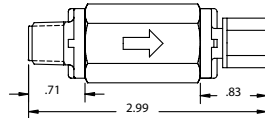
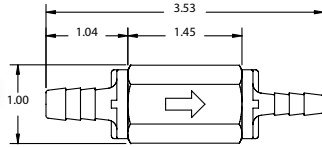


Vertically Integrated, Made in the USA

THE SPECIALTY MFG. CO.

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426 SERIES CHECK VALVE



Design Considerations

The 426 Series Check Valve design promotes multiple configurations to fit the exact end use application. Gray PVC with 1 psi stainless spring and ball is the standard configuration. Most PVC and White Filled Polypropylene configurations are available as NSF Standard 42 Certified. Nylon, PVDF (Kynar®) and Glass Filled Polypropylene are available for chemical resistance applications. MakroBlend is an NSF Standard 51 Certified Material. Hastelloy is a superior chemically resistant spring material. Teflon® balls are standard with Hastelloy springs for chemical resistance 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 (Not NSF 42 Certified) | 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, 12 psi | |
| Ball Material | 316 Stainless - Standard With Stainless Spring Teflon® - Standard With Hastelloy Spring | |

Example of How To Order

| | | | | | |
|-----------------------------|------------------------------|-------------------------------|-----------------------|------------------------|-----------------------------------|
| Body Material PVC | Inlet End 1/4 MNPT | Outlet End 1/4 FNPT | Seal Buna-N | Spring 3 psi | Ball Material Stainless |
|-----------------------------|------------------------------|-------------------------------|-----------------------|------------------------|-----------------------------------|

SMC Part Number: PVC 426-4M4F-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 426-4M4F-B,3# = 1/4 MNPT Inlet x 1/4 FNPT Outlet

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