

# THE SPECIALTY MFG. CO.

Custom Is Our Specialty

5858 Centerville Road  
St. Paul, MN 55127

ISO 9001:2015  
MADE IN THE USA

The Specialty Mfg. Co. will quote alternate materials or customize our standard products when quantities ensure competitive pricing.  
**Contact Customer Service** at (651) 653-0599  
**FAX** - (651) 653-0989  
**E-Mail** - info@specialtymfg.com

## 695 SERIES BALL CHECK VALVE 1/8" to 1/4" BARB, 1/8" NPT, 1/4" BIB



### Design Considerations

- The 695 Series Ball Check Valve incorporates a stainless ball that seals on an o-ring seat
- Compact design with a light cracking pressure and a positive seal at low back pressure
- Maximum operating pressure of 125 psi covers a wide range of air and fluid applications

### Example of how to order

Material	Inlet Port	Outlet Port	Seal	Spring
Black PVDF (Kynar®)	1/4 Barb	1/4 Barb	Buna	2 psi

**Part Numbers** are a description of the check valve as read left to right, Inlet Port to Outlet Port. **PVDF CHK 695-4B4B-B,2#** = Black PVDF (Kynar®) Check Valve, 1/4 Barb Inlet x 1/4 Barb Outlet, Buna Seals, 2 psi Spring

### Specifications

<b>Material</b>	Natural Polypropylene White Nylon Black PVDF (Kynar®)
<b>Inlet End</b>	1/8 Barb (695) 3/16 Barb (695) 1/4 Barb (695) 1/4 BIB (695 Smooth Barb)
<b>Outlet End</b>	1/8 Barb (695) 3/16 Barb (695) 1/4 Barb (695) 1/8 Male NPT (695) 1/4 BIB (695 Smooth Barb)
<b>Seal Option</b>	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Viton® Extreme, Silicone, AFLAS®, Perfluoroelastomer *** <a href="#">Please ask us about Seal Materials not listed above.</a> ***
<b>Spring Option: Cracking Pressure and Material</b>	1 psi - 302 Stainless 1/2 psi - 302 Stainless 2 psi - 302 Stainless 3 psi - 302 Stainless 1 psi - Hastelloy® 2 psi - Hastelloy® 3 psi - Hastelloy® No Spring
<b>Ball Option</b>	316 Stainless Ball (Supplied when 302 Stainless Spring is selected) Teflon® Ball (Supplied when Hastelloy Spring is selected)
<b>Maximum Flow Diameter</b>	.160 in
<b>Cv</b>	0.2 with 1/8 Barb Ends
<b>Maximum Operating Pressure</b>	125 psi
<b>Maximum Operating Temperature</b>	140 °F

<b>Compatibility Statement</b>	It is the sole responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation, and maintenance of these products. Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or product damage.
<b>Pricing and Minimum Order Requirement</b>	Our Minimum Order Requirements are \$150.00 Domestic - \$250.00 International. Pricing is based on the quantity ordered. <b>Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing.</b>