

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
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586 SERIES NEEDLE VALVE

1/8" to 1/4" NPT, 1/8" to 1/2" BARB, 1/8" to 1/4" JACO, 1/4" to 3/8" PUSH-TO-CONNECT, 3/8" BIB

Design Considerations

- The 586 Needle Valve is rated to 125 psi and has a 2.5 Degree Tip
- Teflon® Stem Seal and Black Nylon Knob are standard
- Optional 5 Degree and 45 Degree Needles are available
- Supplied with one Black Nylon Hex Nut for Panel Mount applications
- *NSF Approved Materials are available*



Example of how to order

<u>Material</u>	<u>Type</u>	<u>Inlet Port</u>	<u>Outlet Port</u>	<u>Stem Seal</u>	<u>Needle</u>	<u>Handle</u>
White Glass Filled Polypropylene	Inline Needle Valve	1/4 Female NPT	1/4 Male NPT	Teflon®	2.5 Degree, 6 Turn	Black Nylon Knob

Part Numbers are a description of the valve as read left to right, Inlet Port to Outlet Port.

WFP NDL 586-4F4M-T,2.5 DEG = White Glass Filled Polypropylene Inline Needle Valve, 1/4 Female NPT Inlet x 1/4 Male NPT Outlet, Teflon® Stem Seal, 6 Turn Needle with 2.5 Degree Tip, Black Nylon Knob, Black Nylon Panel Mount Nut

Specifications

Material	Gray PVC, White PVC White Glass Filled Polypropylene Black PVDF (Kynar®)
Inlet End	1/8 Male NPT, 1/8 Female NPT 1/4 Male NPT, 1/4 Female NPT 1/8 Barb, 1/4 Barb, 5/16 Barb, 3/8 Barb, 1/2 Barb 1/4 Push-to-Connect, 3/8 Push-to-Connect 1/8 JACO, 1/4 JACO 3/8 BIB (Smooth Barb)
Outlet End	1/8 Male NPT, 1/8 Female NPT 1/4 Male NPT, 1/4 Female NPT 1/8 Barb, 1/4 Barb, 5/16 Barb, 3/8 Barb, 1/2 Barb 1/4 Push-to-Connect, 3/8 Push-to-Connect 1/8 JACO, 1/4 JACO 3/8 BIB (Smooth Barb)
Seal Option	Ethylene Propylene (EPDM) Teflon®
Needle Option	2.5 Degree - 6 Turns 5 Degree - 6 Turns 45 Degree - 6 Turns
Maximum Flow Diameter	0.175 in
Panel Mount Hole	0.875 in
Maximum Panel Thickness	0.125 in
Panel Mount Threads	7/8-20
Maximum Operating Pressure	125 psi
Maximum Operating Temperature	140 °F

Compatibility Statement	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.
Pricing and Minimum Order Requirement	Our Minimum Order Requirements are \$150.00 Domestic - \$250.00 International. Pricing is based on the quantity ordered. Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing.