

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