

PLASTIC NEEDLE VALVES

have ports from 10-32 to 1 inch with a reduced thru hole size. A threaded tapered plunger allows precise regulation of flow. It is generally only capable of relatively low flow rates. They are adjustable to a flow of 0.025” diameter orifice.
Plastic Needle Valves are made with bodies of Acetal, Nylon, Glass-Filled Nylon, Polypropylene, Glass-Filled Polypropylene, PVC and PVDF. O-Rings are Buna-N, Viton®, or EPDM.
Maximum pressure for plastics is 125 psi with a temperature range of 40˚F to 120˚F. Both metal and plastic are available for panel mounting.



DFV SERIES

DFV Series PBT Needle Valves are made standard with Nickel-Plated threads and stems with a PBT body that controls out but checks the flow back.

SKU	Description
DFV-14	1/4 by 1/4 Needle Valve
DFV-18	1/8 by 1/8 Needle Valve
DFV-38	3/8 by 3/8 Needle Valve
DFV-532	5/32 by 5/32 Needle Valve
DFV-316	3/16 by 3/16 Needle Valve



NVC SERIES

The NVC Series Acetal Push-to-Connect Needle Valve is designed for precision and reliability. Featuring a nickel-plated needle, this valve ensures reliable performance and continuance in various applications. Additionally, the NVC Series offers an elbow configuration, providing flexibility and ease of installation in tight spaces. Whether you need a straight or elbow configuration, this needle valve is a great choice for your fluid control needs.

SKU	Description
NVC-04-MFL-FFL	1/4 inch Flare Male to Female Stainless Steel Needle Valve
NVC-4	1/4 inch OD Needle Valve
NVC-6	3/8 inch OD Needle Valve



PNV SERIES

The PNV Series Needle Valves are PVC with EPDM Seals, Polypropylene with FKM Seals, or PVDF with PTFE Seals—maximum pressure of 125 psi. Standard 2.5-degree needle, others are available.

SKU	Description
PNV-2C	1/8 Compression Needle Valve
PNV-2F	1/8 Female Needle Valve
PNV-2M	1/8 Male Needle Valve
PNV-4B	1/4 Barb Needle Valve
PNV-4C	1/4 Compression Needle Valve
PNV-4F	1/4 Female Needle Valve
PNV-4M	1/4 Male Needle Valve
PNV-4P	1/4 Push-to-Connect Needle Valve
PNV-5B	5/16 Barb Needle Valve
PNV-6B	3/8 Barb Needle Valve
PNV-6P	3/8 Push-to-Connect Needle Valve
PNV-8B	1/2 Barb Needle Valve