FLUIDPRO
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6mm PTFE NEEDLE VT6

design features

- ✓ Fluids contact PTFE and PCTFE only.
- ✓ One PTFE o-ring.
- ✓ Simplicity, only six components.

PTFE needle valves are designed for laboratory and industrial applications for regulating corrosive gases and liquids or for high purity service. They may also be used as shut off valves.

Fluids contact only PTFE and PCTFE materials.

Valve spindles are made of rigid PCTFE to minimize the undesirable material "creeping" normally associated with PTFE.

PTFE valves are designed for relatively high flow ranges while still performing well in low flow rates.

Valves may be used in pressure or non-critical vacuum service.

The simplicity of design - there are only six components (including a single PTFE o-ring) - assures reliability and minimizes sources of leakage. It takes seconds to disassemble the valve for cleaning and maintenance.

The PTFE o-ring is radially compressed and due to this unique design feature the degree of compression may be adjusted without disassembly by tightening the bushing.

6mm PTFE Needle Valves

ORDERING INFORMATION FOR 6mm PTFE NEEDLE VALVES

MODEL NUMBER	MAXIMUM FLOW LPM		Cv	CONNECTIONS
	Air	Water		
VT6-TT-0	300	9	0.765	3/8" FNPT

Note: Based on 10psig (69 kPa) inlet pressure and atmospheric exhaust.

SPECIFICATIONS	
MAXIMUM PRESSURE	75 psig (517 kPa)
MAXIMUM TEMPERATURE	150 °F (65 °C)
ORIFICE SIZE	6.0 mm (0.250") diameter.
****MATERIALS OF CONSTRUCTION FLUID CONTACTING**	Body and o-ring-PTFE. Valve spindle-PCTFE.
NON FLUID CONTACTING	Set screws 18-8 stainless steel.

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