

### 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. Bushings are made of 316 stainless steel.

**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.**

*\*\*The selection of materials of construction, is the responsibility of the customer. The company accepts no liability.*



6mm PTFE Needle Valves

### ORDERING INFORMATION FOR 6mm PTFE NEEDLE VALVES

MODEL NUMBER	MAXIMUM FLOW LPM		CV	CONNECTIONS
	AIR	WATER		
VTF-TT-0A	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	Bushings 316 stainless steel. Mounting Nut and Adjusting Knob Delrin.