

VT**BARSTOCK VALVES****FLUIDPRO**

Dosing Systems

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MVT™ Metering valves are constructed of PTFE and PCTFE materials.

Non-fluid contacting external parts are made of anodized aluminum. Valves are offered in three conveniently overlapping flow ranges. Safety handle prevents over tightening and facilitates fine metered regulation. MVT™ valves are useful in regulating the flow of corrosive gases and liquids.

They may be used in pressure or non-critical vacuum service and serve as bubble tight shut-off valves.



PTFE Needle valve with Aluminum Shell and Glass Nipples



PTFE Metering Valve

ORDERING INFORMATION PTFE METERING VALVE

MODEL NUMBER	MAXIMUM FLOW [ml/min]		Cv	CONNECTIONS
	Air	Water		
VM1-TT-0A	600	36	0.003	1/8" FNPT
VM3-TT-0A	3000	180	0.015	1/8" FNPT
VM6-TT-0A	30000	1800	0.150	1/8" FNPT
VM1-TT-0F	600	36	0.003	1/4" Comp.
VM3-TT-0F	3000	180	0.015	1/4" Comp.
VM6-TT-0F	30000	1800	0.150	1/4" Comp.
VM1-TT-0G	600	36	0.003	0.390 O.D. Glass Nipples
VM3-TT-0G	3000	180	0.015	0.390 O.D. Glass Nipples
VM6-TT-0G	30000	1800	0.150	0.390 O.D. Glass Nipples

SPECIFICATIONS

MAXIMUM PRESSURE	75 psig (517 kPa)
MAXIMUM TEMPERATURE	150 °F (65 °C)
ORIFICE SIZE	0.125" diameter (3.175 mm)
NUMBER OF TURNS TO FULLY OPEN	Eight.
STEM	Non-rising type.
FLUID CONTACTING COMPONENTS	Body /o-ring-PTFE. Valve spindle-PCTFE.
NON-FLUID CONTACTING COMPONENTS	Shell + Handle - Aluminum (anodized).

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