

Needle Valves

The 500 Series miniature needle valves are forged from brass or 316L stainless steel. They are designed for fine flow control in a variety of applications in the chemical process and petroleum industries as well as laboratories and hospitals. The ground and polished stem and PTFE packing make them suitable for controlling the flow of liquids or gases from vacuum to 3000 PSIG.



Materials and Specifications

Temperature Range	-65°F to 450°F (-54°C to 232°C)
Weight	0.7 lbs. (0.3 kg)

Ordering Information

Order No.	End Fittings	Body	Stem	Packing	Maximum Inlet Pressure
550 0067	1/8" MPT x 1/8" MPT	Forged chrome-plated brass	303 stainless steel	PTFE/Chrome-plated brass	3000 PSIG (210 BAR)
533 9002	1/4" MPT x 1/4" MPT	Forged brass	303 stainless steel	PTFE/Brass	3500 PSIG (240 BAR)
555 3225	1/4" MPT x 1/4" MPT	Forged chrome-plated brass	303 stainless steel	PTFE/Chrome-plated brass	3000 PSIG (210 BAR)
533 9304	1/4" MPT x 1/4" MPT	Forged 316L stainless steel	316L stainless steel	PTFE/316L stainless steel	5000 PSIG (340 BAR)
830 8607	1/4" MPT x 1/4" MPT	Forged 316L stainless steel	316L stainless steel	PTFE/316 stainless steel	6000 PSIG (405 BAR)