

Type 522 Needle Valve

Standard Features

- **Size**
1/4", 3/8", 1/2" (PP only 1/2")
- **Material**
SYGEF® PVDF, PROGEF® Natural Polypropylene
- **Inlet and Outlet Connection**
Threaded (NPT)
- **Seat PTFE**
- **High purity, Corrosive resistant**
No O-rings, metals, or lubricants

Mounting

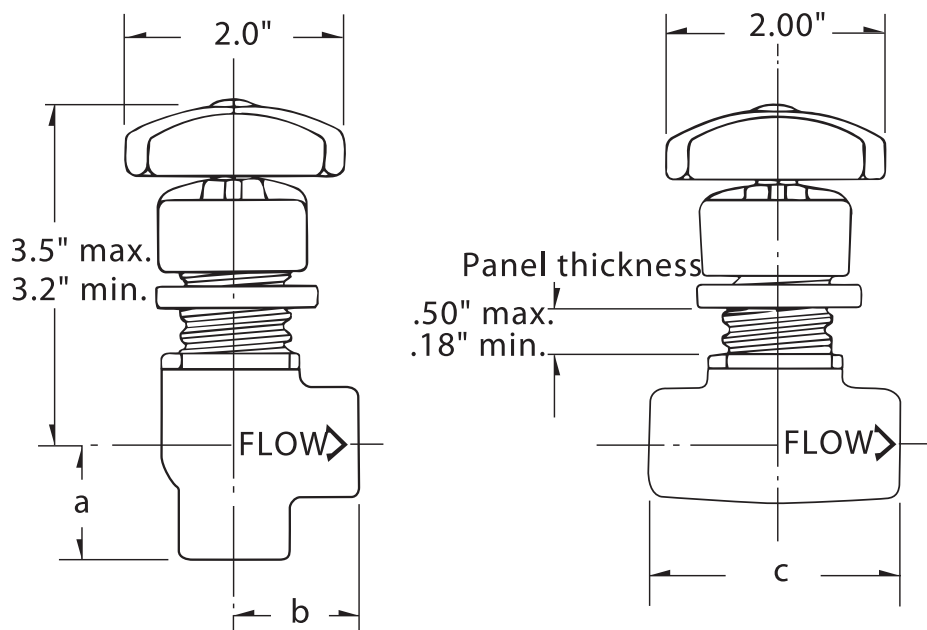
Mounts to panel thicknesses from 1/32" to 1/2"



General

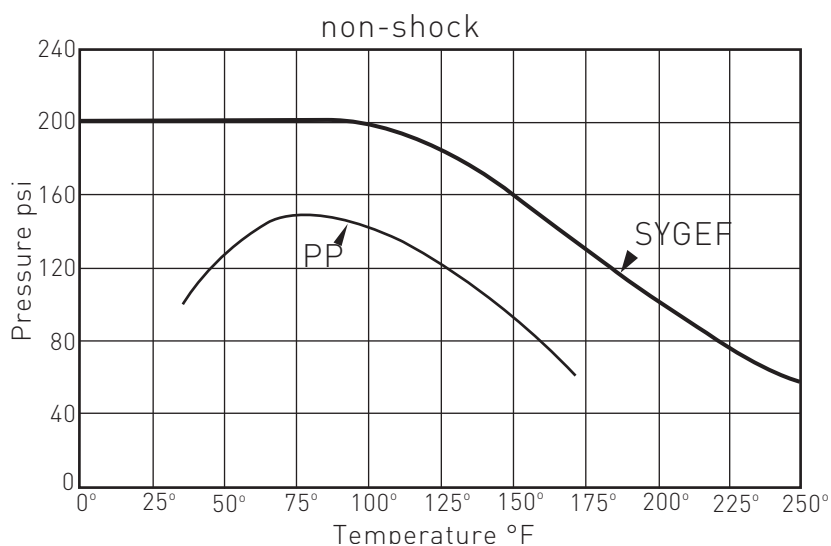
The Type 522 needle valve is available in PVDF and Polypropylene and is ideal for both high purity water and chemical applications. Matching the material of the piping system, the 522 valve provides an excellent solution where sampling from a main line is needed. The precision components allow for excellent linear flow control with a 24 pitch metering thread with 5 full handle turns for tighter control.

Dimensions for Type 522 Needle Valve



Inch size	Angle body style					Globe body style				Metric size mm
	Inlet inch	Outlet inch	a inch	b inch	C _v	c inch	Inlet inch	Outlet inch	C _v	
1/4	0.25	0.187	1.00	1.10	0.426	2.28	0.187	0.187	0.310	12
3/8	0.25	0.187	1.00	1.10	0.426	2.28	0.187	0.187	0.310	16
1/2	0.25	0.218	1.10	1.20	0.780	2.57	0.218	0.218	0.620	20

Pressure/Temperature Range



Type 522 Part Numbers

PVDF Standard

Connection	Angle Body Style	Globe Body Style
1/4 NPT	155 522 579	155 522 554
3/8 NPT	155 522 580	155 522 555
1/2 NPT	155 522 581	155 522 556

PVDF HP

Connection	Angle Body Style	Globe Body Style
1/4 NPT	155 522 579H	155 522 554H
3/8 NPT	155 522 580H	155 522 555H
1/2 NPT	155 522 581H	155 522 556H

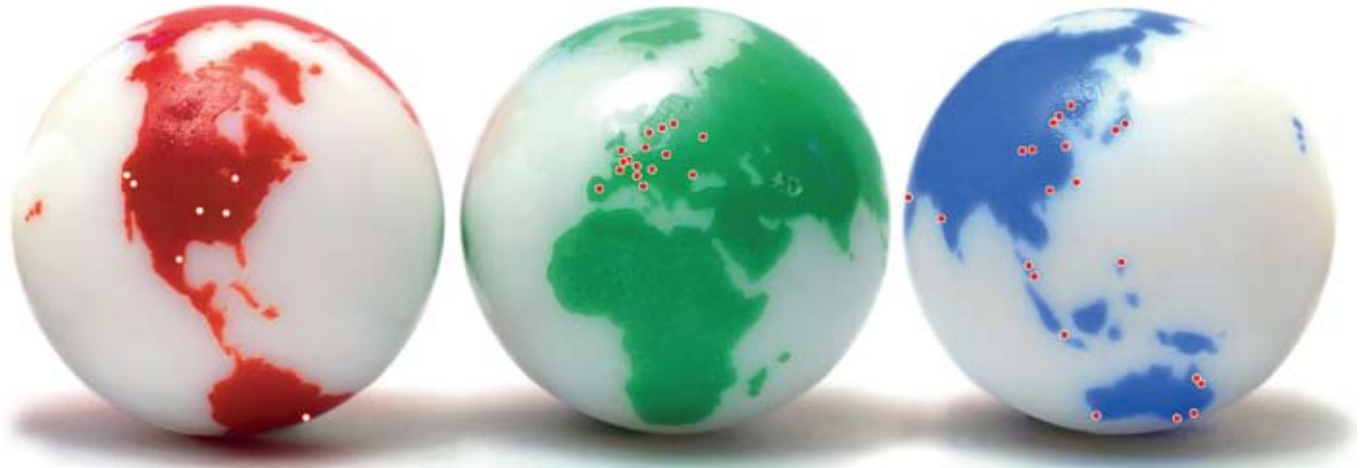
PP Beta, glass reinforced

Connection	Angle Body Style	Globe Body Style
1/2 NPT	157 522 581	157 522 556

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