

TS941 High Pressure Spool Valve

The Spool Valves provide precise shot accuracy along with “high volume” capacity over a range of material viscosities, shot sizes and pressures. They feature “suck back” anti-drip as well as a fast on/off dispensing function that is not affected by material input pressure. An optional oil chamber creates an additional liquid seal to prevent moisture from being carried on the spool, excellent for moisture sensitive materials. Pneumatically activated, the valves can be used with an internal spring close (single acting) or an air-closing connection (double acting).

Output is a 1/4" NPT which allows multiple types of tips to be used.

TS5322 Mini Spool Valve

The Mini Spool Valve Series is designed for better accuracy with lower pressure. The series operates similar to the TS941, however, it is smaller in size.

	TS941	TS5322
Length:	4.7" (119mm)	4.00" (101.6mm)
Diameter:	1.5" (38mm)	1" (25mm)
Weight:	1.61 lb. (726 g)	0.31 lb. (141 g)
Wetted Parts:	303 Stainless Steel, UHMWPE, EPR	303 Stainless Steel, Anodized Al, Teflon®, EPR
Viscosity Range:	5 - 3000k cps	5 - 1000k cps
Max Fluid Pressure:	2500 psi (172.4 bar)	500 psi (34.5 bar)
Activation Pressure:	70 psi (4.8 bar)	70 psi (4.8 bar)
Material Inlet:	3/8" NPT	1/8" NPT
Material Outlet:	1/4" NPT	1/8" NPT
Mounting:	1.50" Diameter	1/4"-20UNC-2B

Typical Applications:

Suitable for moisture sensitive adhesive when utilizing supplied oiler. The Spool Valves can be used in a wide range of applications such as flux paste, grease, RTV Silicone, UV cure gel, solder mask, gasketing.



TS941 - gasketing.



TS941
Spool Valve



TS5322
Mini Spool Valve



TS5322 - gasketing.