

Ultra High Pressure Hose of PTFE • 58-SERIES

Construction

58 Series hose is constructed of carbon black static dissipative innercore of PTFE with layers of spiral wrap between two layers of braid, which make this hose the premiere in heavy-duty ultra high pressure hose. The post-sintered tube increases its density, reducing effusion in pneumatic applications.

Jackson 58 Series comes standard with type 300 stainless steel JIC swivels. Male or female NPT adapters are available. Solid female NPT fittings in 1/4" are also an option.



Applications

- High Temperature Hydraulics
- High Pressure Phosphate Ester Applications
- High Pressure Chemical Transfer
- Two Part Epoxy (RIMM)
- Hot Melt Glue (Boxes & Packaging)
- High Pressure Gas Applications (Pigtail)
- Life Support Systems
- Oil Field Applications
- High Temperature Heated Hose Applications

Benefits

- Extreme high pressure hose.
- Smooth bore improves flow rates.
- Resists kinking in service.
- Unlimited shelf life.
- Suitable for impulse service.
- Meets requirements of SAE 100R8 and 100R9.
- Temperature Rating: -65°F (-54°C) to +400°F (+204°C)

Part #	Nominal I.D.	Actual Hose Size		Max. Working Pressure	Test Pressure	Min. Burst Pressure*	Min. Bend Radius	Approx. Weight Per. Foot
		I.D.	O.D.					
S-4HP	1/4"	.23"	.50"	6000 PSI	9000 PSI	24000 PSI	3.00"	.24 lbs.
S-6HP	3/8"	.30"	.62"	6000 PSI	9000 PSI	24000 PSI	5.00"	.40 lbs.
S-8HP	1/2"	.40"	.74"	6000 PSI	9000 PSI	24000 PSI	5.75"	.49 lbs.

*Minimum burst pressures calculated at 70°F. S-4 through S-8 are rated at 400°F. S-10 through S-16: at 400°F, working pressure is reduced to 3000 PSI. For high temperature pressures, please contact the factory.