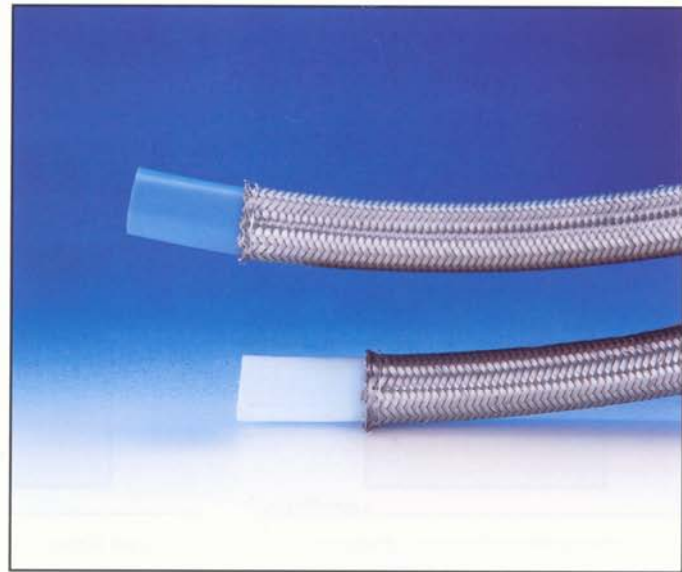


Construction

The Jackson smooth bore hose is constructed of an extruded inner-core of virgin PTFE or carbon black static dissipative PTFE with type 304 stainless steel wire braid reinforcement. The braid acts as a pressure carrier and protective covering. Jackson smooth bore hose is found in many of the toughest service applications, handling "problem" fluids such as acids, solvents, fuels, and chemicals of all types. Available with thin or heavy wall tubing of PTFE (polytetrafluoro-ethylene).



Applications

- Chemical and Acid Transfer
- Pharmaceuticals
- Food Products
- Steam Lines/Tire Presses
- High Temperature Hydraulic/Air Applications
- Pulp and Paper
- Fuel and Lubricant
- Glass Manufacturing
- Waste Water or Slurry

Benefits

- High working and burst pressures.
- Most economical of all hoses lined with Teflon®.
- The low-friction surface of smooth bore hose provides for high flow rates.
- Easily drained and/or cleaned.
- Temperature Rating: -65° F (-54°C) to +450°F (+230°C)

Part Number		Nominal ID	Actual Size		Maximum Working Pressure	Minimum Burst Pressure	Minimum Bend Radius	Approximate Weight/Ft.
White	Black		ID	OD				
S-4	S-4 Blk	1/4"	.19"	.30"	3000 PSI	12000 PSI	1.9"	.060 lbs.
S-5	S-5 Blk	5/16"	.25"	.37"	3000 PSI	12000 PSI	2.3"	.070 lbs.
S-6	S-6 Blk	3/8"	.32"	.40"	2500 PSI	10000 PSI	3.9"	.090 lbs.
S-7*		3/8"	.37"	.50"	2250 PSI	9000 PSI	4.5"	.105 lbs.
S-8	S-8 Blk	1/2"	.41"	.52"	2000 PSI	8000 PSI	4.7"	.115 lbs.
S-10	S-10 Blk	5/8"	.50"	.59"	1750 PSI	7000 PSI	5.3"	.150 lbs.
S-12	S-12 Blk	3/4"	.62"	.80"	1500 PSI	6000 PSI	6.5"	.225 lbs.
S-14*		3/4"	.77"	.89"	1100 PSI	4400 PSI	7.4"	.225 lbs.
S-16	S-16 Blk	1"	.87"	1.05"	1000 PSI	4000 PSI	7.8"	.285 lbs.
S-16Z	S-16Z Blk	1"	.87"	1.03"	1250 PSI	5000 PSI	9.0"	.475 lbs.
S-18*		1"	1.00"	1.18"	900 PSI	3600 PSI	9.8"	.335 lbs.
S-20Z	S-20Z Blk	1-1/4"	1.13"	1.38"	1000 PSI	4000 PSI	11.0"	.585 lbs.

*Available only with thin wall tubing.