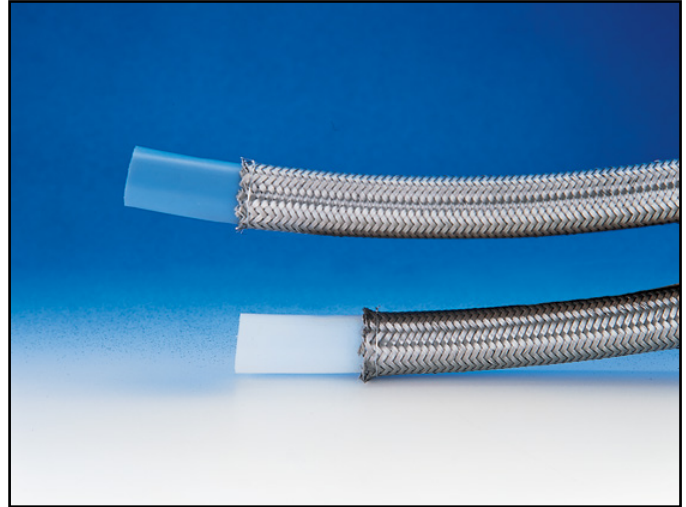


## Medium Pressure Smooth Bore Hose of PTFE SB Series • SB-SERIES

### 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 PTFE.
- 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)

#### STANDARDS:

- Meets or exceeds requirements of SAE 100R14
- PTFE meets FDA 21 CFR 177.1550

Part Number		Nominal ID	Actual Size		Maximum Working Pressure	Minimum Burst Pressure	Minimum Bend Radius	Approximate Weight/Ft.
White	Black		ID	OD				
S-3 TW	S-3TW BLK	3/16"	.125"	.23"	3000 PSI	12000 PSI	2.0"	.050 lbs.
S-4 TW	S-4TW BLK	1/4"	.19"	.30"	3000 PSI	12000 PSI	2.0"	.060 lbs.
S-5 TW	S-5TW BLK	5/16"	.25"	.37"	3000 PSI	12000 PSI	2.3"	.070 lbs.
S-5Z		5/16"	.24"	.45"	4350 PSI	17400 PSI	2.5"	.100 lbs.
S-6 TW	S-6TW BLK	3/8"	.32"	.40"	2500 PSI	10000 PSI	3.9"	.090 lbs.
S-7 TW		3/8"	.37"	.50"	2250 PSI	9000 PSI	4.5"	.105 lbs.
S-8 TW	S-8TW BLK	1/2"	.41"	.52"	2000 PSI	8000 PSI	4.7"	.115 lbs.
S-10 TW	S-10TW BLK	5/8"	.50"	.59"	1500 PSI	6000 PSI	5.3"	.150 lbs.
S-12 TW	S-12TW BLK	3/4"	.62"	.80"	1200 PSI	4800 PSI	6.5"	.225 lbs.
S-14 TW		3/4"	.77"	.89"	1100 PSI	4400 PSI	7.4"	.225 lbs.
S-16 TW	S-16TW BLK	1"	.87"	1.05"	1000 PSI	4000 PSI	7.8"	.285 lbs.
S-16Z		1"	.87"	1.11"	1250 PSI	5000 PSI	9.0"	.576 lbs.
S-18 TW		1"	1.00"	1.18"	900 PSI	3600 PSI	9.8"	.335 lbs.
S-20Z		1-1/4"	1.13"	1.38"	1000 PSI	4000 PSI	11.0"	.585 lbs.

\*Heavy wall available.