Silicone Covered Smooth Bore Hose

Constructed for Protection: Silicone covered smooth bore hose starts with smooth-bore high-performance PTFE core which permits higher flow rates and ease in cleaning of the nonstick PTFE innercore. We can produce assemblies to your specific length a to securely connect to your system. You can be assured our Engineering experts will be easy to talk to and focused on solving your problem.

In addition to the PTFE innercore two layers of protection are provided consisting of :

- Stainless Steel type 304 Braid for pressure resistance and tube support
- Extruded White Silicone Outer Cover is smooth for easy cleaning; kink, abrasion and tear resistance. Insulates and protects operators from elevated temperature conditions.

Applications: Hot oils, food slurries, liquids, solvents, light sensitive chemicals, steam and adhesives.

Approvals: Underwriters Laboratories— National Sanitary Foundation — FDA Compliant 21 CFR 177.1550

Available Fittings & Accessories:

- Live Male Swivel Pipe Threads & Male Swivel Elbow Pipe Threads (90°)
- Optional-Internal Support Spring for high temperature vacuum service

Silicone Covered Smooth Bore Hose- The Right Choice…

- Superior construction properties for long life, flexibility and durability
- Silicone smooth bore hose has passed the UL 60-day hot oil immersion testing
- Highly flexible hose which lends itself to easy and quick installation
- Smooth exterior silicone cover can be wiped down for cleaning convenience
- PTFE core with smooth exterior silicone suitable for temperatures to 400°F

Chemical Resistance: Refer to page 30.

IMPERIAL							
Dash Size	Inch Reference # Natural	Actual ID (in)	Actual OD (in)	Max Working Pressure PSI	Min Burst Pressure PSI	Min Bend Radius (in)	Weight (lb/ft)
-10	SSI0.5N	0.50	0.77	1750	7000	5.3	0.19
-12	SSI0.6N	0.62	0.98	1500	6000	6.5	0.28

METRIC						
Metric Reference # Natural	Actual ID (mm)	Actual OD (mm)	Max Working Pressure Bar	Min Burst Pressure PSI	Min Bend Radius (mm)	Weight (kg/m)
SSM10.5N	12.7	19.5	120	480	135	0.28
SSN10.6N	15.7	24.9	103	412	165	0.41

The optional addition of inner spring support provides full vacuum support and resistance to overbending. Stated MBR values above are without internal support spring.

Burst pressures are based on 70°F (21°C), for higher temperatures please refer charts on page 29.