

General Purpose Smooth Bore PTFE

General Purpose Smooth Bore PTFE hose can be used to solve your demanding transfer challenges for liquids such as acids, solvents, fuels, adhesives, hydraulic fluid, hot oils and chemicals of all types. We can produce assemblies to your specific length and diameter needs to connect to your system.

If you do not find the exact hose and fitting combination required for your service please contact our Customer Service. You can be assured our Engineering experts will be easy to talk to and focused on solving your problem.



Applications:

Industrial Equipment, Chemical, Transportation & Food Processing where temperature, pressure, flexing and purity are essential to the service.

Innecore:

Standard Wall PTFE ; Anti-static also available for conditions that can create static charges. Standard PTFE as well as anti-static tubes are fully FDA compliant. PTFE compliant with ISO 12086 Part I.

Reinforcement:

One layer of type 304 stainless steel high tensile wire EN 1.4301

Temperature Range:

-60°C to +260°C (-76°F to +500°F)

Chemical Resistance: *Refer to page 31.*

Burst pressures are based on 70°F (21 °C) *for higher temperatures please refer to chart on page 30.*

IMPERIAL										
Inch Reference # Natural	Inch Reference # Anti-Static	Actual ID (in)	Tol (+/-) ID (in)	Actual OD (in)	Tol (+/-) OD (in)	Innecore Wall Thickness (in)	Max Working Pressure PSI	Min Burst Pressure PSI	Min Bend Radius (in)	Weight (lb/ft)
SBI0.12N	SBI0.12C	0.125	0.008	0.24	0.018	0.039	3481	13924	z	0.05
SBI0.19N	SBI0.19C	0.190	0.008	0.32	0.018	0.028	3264	13054	2.0	0.06
SBI0.25N	SBI0.25C	0.250	0.010	0.37	0.020	0.028	2973	11893	3.1	0.07
SBI0.32N	SBI0.32C	0.320	0.012	0.45	0.020	0.031	2502	10008	4.5	0.09
SBI0.37N	SBI0.37C	0.370	0.012	0.52	0.020	0.031	1994	7977	4.7	0.11
SBI0.41N	SBI0.41C	0.410	0.012	0.52	0.020	0.031	1994	7977	4.7	0.11
SBI0.5N	SBI0.5C	0.500	0.014	0.65	0.024	0.031	1741	6962	5.9	0.19
SBI0.62N	SBI0.62C	0.620	0.016	0.80	0.028	0.039	1487	5947	6.3	0.20
SBI0.77N	SBI0.77C	0.770	0.016	0.91	0.028	0.039	1088	4351	6.5	0.24
SBI0.87N	SBI0.87C	0.870	0.020	1.02	0.031	0.039	907	3626	8.9	0.28
SBI1N	SBI1C	1.000	0.020	1.18	0.031	0.047	907	3626	9.8	0.34

METRIC										
Metric Reference # Natural	Metric Reference # Anti-Static	Actual ID (mm)	Tol (+/-) ID (mm)	Actual OD (mm)	Tol (+/-) OD (mm)	Innecore Wall Thickness (mm)	Max Working Pressure Bar	Min Burst Pressure Bar	Min Bend Radius (mm)	Weight (kg/m)
SBM3.2N	SBM3.2C	3.2	0.20	6.2	0.45	1.00	240	960	40	0.08
SBM5N	SBM5C	5.0	0.20	8.0	0.45	0.70	225	900	50	0.09
SBM6.5N	SBM6.5C	6.5	0.25	9.5	0.50	0.70	205	820	80	0.10
SBM8.2N	SBM8.2C	8.2	0.30	11.4	0.50	0.80	173	690	115	0.13
SBM10N	SBM10C	10.0	0.30	13.2	0.50	0.80	138	550	120	0.16
SBM13.4N	SBM13C	13.4	0.35	16.6	0.60	0.80	120	480	150	0.28
SBM16.4N	SBM16C	16.4	0.40	20.2	0.70	1.00	103	410	160	0.30
SBM19.6N	SBM19.6C	19.6	0.40	23.2	0.70	1.00	75	300	165	0.35
SBM22.2N	SBM22.2C	22.2	0.50	26.0	0.80	1.00	63	250	225	0.42
SBM26N	SBM26C	26.0	0.50	30.0	0.80	1.20	63	250	250	0.50