

Multi-Braid Extra High Pressure Hose

Multi-Braid High Pressure PTFE hose is ideal for chemicals, hydraulic fluids, epoxies, sealants, adhesives and compressed gases. 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:

Multi-Braid Series excels at in high temperature and high impulse service conditions. High temperature or extreme impulse hydraulics, plastics reaction injection molding (RIM), heated hose, high pressure gas and oxygen transfer, liquids and chemicals.

Innecore:

Heavy Wall PTFE fully Anti-static innecore to eliminate potential dangerous build-up of static charges (see Technical Bulletin). FDA compliant. PTFE compliant with ISO 12086 Part 1. Multi-Braid series assemblies are manufactured with a post-sintered PTFE core for gas and pneumatic service to minimize effusion.

Reinforcement:

Exterior braid is constructed with multiple layers of alternating spiral wrap and braid of type 304 stainless steel high tensile wire EN 1.4301

Temperature Range:

-65°F (-54°C) to +500°F (+260°C)

Fittings:

Female JICs in type 300 series stainless steel. Fixed 1/4 inch female NPT available for -4 size.

IMPERIAL									
Inch Reference # Sintered	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)
ULPTIO.2C	0.23	0.005	0.48	0.010	0.041	6000	24000	3	0.24
ULPTIO.3C	0.30	0.008	0.59	0.012	0.041	6000	24000	5	0.40
ULPTIO.4C	0.40	0.010	0.73	0.013	0.051	6000	24000	5.75	0.49

METRIC									
Metric Reference # Sintered	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)
ULPTM5.8C	5.8	0.13	12.3	0.25	1.00	414	1655	76	0.35
ULPTM7.6	7.7	0.19	15.1	0.29	1.00	414	1655	127	0.59
ULPTM10.6C	10.2	0.25	18.6	0.32	1.30	414	1655	146	0.72

Minimum burst pressures are based on 70°F (21 °C). For high temperatures please consult the factory.