

Heavy Duty Smooth Bore PTFE Double Braid

This highly durable 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, purity and extreme durability are essential.

Innecore:

Heavy 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. The heavier wall of this hose makes it more resistant to kinking and over-bending.

Reinforcement:

Two layers 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 °) *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)	Innecore Wall Thickness (in)	Max Working Pressure PSI	Min Burst Pressure PSI	Min Bend Radius (in)	Weight (lb/ft)
HDDI0.12N	HDDI0.12C	0.126	0.008	0.33	0.04	5076	20306	2.0	0.09
HDDI0.19N	HDDI0.19C	0.197	0.008	0.40	0.04	4714	18855	2.0	0.14
HDDI0.24.N	HDDI0.24C	0.244	0.008	0.45	0.04	4351	17405	2.4	0.16
HDDI0.31N	HDDI0.31C	0.315	0.012	0.52	0.04	3916	15664	3.9	0.23
HDDI0.39N	HDDI0.39C	0.394	0.012	0.62	0.05	3336	13344	4.7	0.30
HDDI0.5N	HDDI0.5C	0.512	0.016	0.74	0.05	2756	11023	5.3	0.36
HDDI0.62N	HDDI0.62C	0.630	0.016	0.85	0.06	2357	9428	6.5	0.30
HDDI0.77N	HDDI0.77C	0.772	0.016	1.00	0.06	1813	7252	2.0	0.56
HDDI0.86N	HDDI0.86C	0.866	0.020	1.09	0.06	1632	6527	7.9	0.54
HDDI1.00N	HDDI1.00C	1.004	0.020	1.23	0.06	1450	5802	2.0	0.81
HDDI1.13N	HDDI1.13C	1.142	0.020	1.39	0.06	1305	5221	11.8	0.79

METRIC									
Metric Reference # Natural	Metric Reference # Anti-Static	Actual ID (mm)	Tol (+/-) ID (mm)	Actual OD (mm)	Innecore Wall Thickness (mm)	Max Working Pressure Bar	Min Burst Pressure Bar	Min Bend Radius (mm)	Weight (kg/m)
HDDM3.2N	HDDM3.2C	3.2	0.20	8.4	1.00	350	1400	50	0.14
HDDM5N	HDDM5C	5.0	0.20	10.2	1.00	325	1300	50	0.21
HDDM6.2N	HDDM6.2C	6.2	0.20	11.4	1.00	300	1200	60	0.24
HDDM8N	HDDM8C	8.0	0.30	13.2	1.00	270	1080	100	0.34
HDDM10N	HDDM10C	10.0	0.30	15.7	1.30	230	920	120	0.44
HDDM13N	HDDM13C	13.0	0.40	18.7	1.30	190	760	135	0.53
HDDM16N	HDDM16C	16.0	0.40	21.7	1.50	163	650	165	0.45
HDDM19.6N	HDDM19.6C	19.6	0.40	25.5	1.50	125	500	190	0.84
HDDM22N	HDDM22C	22.0	0.50	27.7	1.50	113	450	200	0.80
HDDM25N	HDDM25C	25.5	0.50	31.2	1.50	100	400	250	1.20
HDDM29N	HDDM29C	29.0	0.50	35.2	1.50	90	360	300	1.18