

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.

Innercore: 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 1. 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 30.

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

IMPERIAL									
Dash Size	Inch Reference # Natural	Actual ID (in)	Tol (+/-) ID (in)	Actual OD (in)	Innercore Wall Thickness (in)	Max Working Pressure PSI	Min Burst Pressure PSI	Min Bend Radius (in)	Weight (lb/ft)
-3	HDDIO.12N	0.126	0.008	0.33	0.04	5076	20306	2.0	0.09
-4	HDDIO.19N	0.197	0.008	0.40	0.04	4714	18855	2.0	0.14
-5	HDDIO.24N	0.244	0.008	0.45	0.04	4351	17405	2.4	0.16
-6	HDDIO.31N	0.315	0.012	0.52	0.04	3916	15664	3.9	0.23
-8	HDDIO.39N	0.394	0.012	0.62	0.05	3336	13344	4.7	0.30
-10	HDDIO.5N	0.512	0.016	0.74	0.05	2756	11023	5.3	0.36
-12	HDDIO.62N	0.630	0.016	0.85	0.06	2357	9428	6.5	0.30
-14	HDDIO.77N	0.772	0.016	1.00	0.06	1813	7252	2.0	0.56
-16	HDDIO.86N	0.866	0.020	1.09	0.06	1250	5000	7.9	0.54
-18	HDDI1.00N	1.004	0.020	1.23	0.06	1450	5802	2.0	0.81
-20	HDDI1.13N	1.142	0.020	1.39	0.06	1000	4000	11.8	0.79

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

Note: For anti-static type hose please consult factory for specifications.