

Easy Bend Open Pitch Convoluted Hose

Easy Bend PTFE hose is ideal for solvents, acids, caustics, fuels, lubricants, hot water, air and transfer conditions at elevated temperatures. Convoluted PTFE innercore is recommended for installations where extremely tight bend radius is required for routing. 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:** Gas turbines, air compressors, tank truck, pulp and paper, transportation, plastic and rubber forming and curing.
- Innercore:** PTFE non-conductive and fully Anti-static innercores to eliminate potential dangerous build-up of static charges (see Technical Bulletin). FDA compliant. PTFE compliant with ISO 12086 Part 1. Helical profile design aids in self draining.
- Reinforcement:** One layer of type 304 stainless steel high tensile wire EN 1.4301 Type 316SS braid reinforcement available upon request. Three inch internal diameter also available with double braid for increased working pressure.
- Temperature Range:** -65°F (-54°C) to +500°F (+260°C)
- Chemical Resistance:** Refer to page 30.

IMPERIAL								
Dash Size	Inch Reference # Natural	Inch Reference # Conductive	Actual ID (in)	Actual OD (in)	Max Working Pressure PSI	Min Burst Pressure PSI	Min Bend Radius (in)	Weight (lb/ft)
-4	EBI.25N	EBI.25C	0.236	0.42	2175	8700	0.7	0.09
-6	EBI.37N	EBI.37C	0.382	0.65	1595	6380	0.8	0.12
-8	EBI.5N	EBI.5C	0.512	0.75	1450	5800	1.0	0.19
-12	EBI.75N	EBI.75C	0.772	1.02	900	3600	2.6	0.24
-16	EBI1N	EBI1C	0.961	1.33	1000	4000	3.5	0.41
-20	EBI1.25N	EBI1.25C	1.280	1.59	875	3500	4.3	0.46
-24	EBI1.5N	EBI1.5C	1.500	1.89	700	2800	2.0	0.58
-32	EBI2N	EBI2C	2.000	2.38	500	2000	2.4	0.98
-48	EBI3N	EBI3C	3.000	4.00	250	1000	3.9	2.10
-48Z	EBI3NB2	EBI3CB2	3.000	4.95	100	400	4.7	2.90

METRIC							
Metric Reference # Natural	Metric Reference # Conductive	Actual ID (mm)	Actual OD (mm)	Max Working Pressure Bar	Min Burst Pressure Bar	Min Bend Radius (mm)	Weight (kg/m)
EBM6.7N	EBM6.7C	6.0	10.6	150	600	18	0.13
EBM8.5N	EBM8.5	7.9	14.0	125	500	19	0.15
EBM9.8N	EBM9.8	9.7	16.4	110	440	20	0.18
EBM13.6N	EBM13.6	13.0	19.0	100	400	25	0.29
EBM16N	EBM16	15.5	22.6	70	280	50	0.31
EBM19.1N	EBM19.1	19.6	26.0	63	250	65	0.36
EBM25.6N	EBM25.6	24.4	33.7	40	160	90	0.61
EBM31.7N	EBM31.7	32.5	40.3	30	120	110	0.68
EBM38.1N	EBM38.1	38.1	48.0	48	193	115	0.86
EBM50.8N	EBM50.8	50.8	60.5	35	138	127	1.46
EBM74N	EBM74	74.0	101.6	17	69	406	4.30
EBM100N	EBM100	100.0	125.7	7	28	457	4.60

All pressures calculated at 70°F (21°C). Consult factory for vacuum ratings and service conditions at elevated temperatures.