


APPLICATIONS

Recommended for industrial air movement, fume control and dust control applications: Abrasion resistance; agricultural; air duct cleaning; aluminum refractory; auto tellers; bus; car wash; chemical fumes; cotton pickers; dry cleaning; duct cleaning; dust collection; flight simulators; fume exhaust; furnace duct cleaning; grinders; HEPA; industrial; landfill venting; lawn & leaf collection; mining; off-road; ozone; paint spray extraction; paper trim conduit; pipe organs; plastic bag machines; plastics industry; RV manufacturing; sheet metal; shipyards; textile mills; wave pool blowers; woodworking

FEATURES

Combines the ozone, UV, weathering, & chemical resistance of thermoplastic rubber with the tensile strength & fatigue resistance of fabric hoses; offers better tear strength, puncture, & abrasion resistance than traditional reinforced woven neoprene & thermoplastic hoses;

handles higher positive pressures than non-reinforced thermoplastic rubber hoses; wall thickness =.024"; available with factory-installed 2" soft cuffs

CONSTRUCTION

Thermoplastic rubber coated super reinforced non-woven polyester fabric hose with a spring steel wire helix

REINFORCEMENT

Spring steel wire helix

I.D. TOLERANCES

To 8 Inch: -0.00 to +0.125 Inch
8 Inch and over: -0.00 to +0.250 Inch

COLOUR

Black (blue available)

TEMPERATURE RANGE

-50°F to 285°F, Intermittent to 325°F

STD LENGTH

25 & 50 feet

TECHNICAL DATA

I.D Ø		Appro. Weight (lbs/ft)	Compression (ratio)	Min. Centerline Bend Radius (inch)	Max. Recommended (-) Pressure (in/hg)	Max. Recommended (+) Pressure (psi)
(inch)	(mm)					
2	50.8	0.22	3:1	2.75	29	50
3	76.2	0.33	3:1	3	29	29
4	101.6	0.5	4:1	3.5	29	25
5	127	0.63	4:1	5	29	22
6	152.4	0.7	4:1	6	14	16
8	203.2	1	4:1	7.5	8	12
10	254	1.25	4:1	9	7	9
12	304.8	1.75	4:1	10	4	8

* Technical data based on 2 ft. straight lengths of hose @ 72° F