


APPLICATIONS

Recommended for dust control applications: static control

FEATURES

Good crush resistance & tensile strength; Neoprene coating offers excellent abrasion & chemical resistance; good flexibility; more durable than double-ply cotton hoses; high conductivity reduces the danger of static buildup and allows electrostatic buildup to escape when properly grounded; surface resistance level: 10^3 - 10^5 ohms/square

CONSTRUCTION

Double-ply neoprene coated polyester fabric hose coated with a conductive elastomer reinforced 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

TEMPERATURE RANGE

-40°F to 250°F

DIAMETER RANGE

1.00-24.00 Inch I.D., Custom to 60 Inch I.D.

INSIDE DIAMETER

0.75 to 1.125 inch

TECHNICAL DATA

I.D Ø		Appro. Weight	Compression	Min. Centerline Bend Radius	Max. Recommended (-) Pressure	Max. Recommended (+) Pressure	Std. Length
(inch)	(mm)	(lbs/ft)	(ratio)	(inch)	(in/hg)	(psi)	(ft)
1	25.4	0.145	2.8:1	1	29	30	25
1.25	31.75	0.178	2.8:1	1.2	29	30	25
1.5	38.1	0.21	2.8:1	1.4	29	30	25
2	50.8	0.297	2.8:1	2	29	30	25
2.5	63.5	0.303	2.9:1	2	29	30	25
3	76.2	0.361	3:1	2.13	29	30	25
3.5	88.9	0.42	3:1	2.46	25	21	25
4	101.6	0.586	3.7:1	2.8	29	16	25
4.5	114.3	0.655	3.7:1	3.15	23	16	25
5	127	0.727	3.7:1	3.5	22	15	25
6	152.4	1	4:1	4	22	13	25
7	177.8	1.15	4:1	4.7	14	14	25
8	203.2	1.138	5:1	5.5	7.3	10	25
10	254	1.417	5:1	7	3.79	8	25
12	304.8	1.695	5:1	8.2	2.22	7	25
14	354.3	2.38	5.5:1	9.4	3.11	5	25
16	404.8	2.72	5.5:1	10.8	2.09	4	25
18	454.3	3.2	5:1	12	1.5	4	25
24	609.6	4.2	5:1	16	0.62	3	25

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