



APPLICATIONS

Recommended for dust control applications: Aluminum refractory; auto teller; bus; car wash; dust collection; flame retardant; flight simulator; grinders; HEPA; industrial; landfill venting; laser engraving; mining; paint spray extraction; plastic bag machines; plastics industry; sheet metal; shipyards; shredders; wave pool blowers; woodworking

FEATURES

Good crush resistance & tensile strength; Neoprene coating offers excellent abrasion & chemical resistance; good flexibility; more durable than double-ply cotton hoses; listed as UL 94V-0 flame retardant; additional coatings available for better abrasion &/or chemical

resistance; available in a static conductive version (Conduct-O-Flex); available in metric sizes

CONSTRUCTION

Double-ply neoprene coated polyester fabric hose reinforced with a 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

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	0.12	0.12	3:1	1.1	29	30	25
1.25	31.75	0.14	3:1	1.3	29	30	25
1.5	38.1	0.17	3:1	1.7	29	30	25
1.75	44.45	0.2	3:1	1.85	29	30	25
2	50.8	0.25	4:1	2	29	30	25
2.5	63.5	0.29	4:1	1.8	29	30	25
2.75	69.85	0.28	4:1	1.7	29	30	25
3	76.2	0.34	4:1	2.4	29	30	25
3.5	88.9	0.4	4:1	2.5	22	29	25
4	101.6	0.56	5:1	3.1	29	30	25
4.5	114.3	0.63	5:1	3.2	23	19	25
5	127	0.75	5:1	3.5	17	17	25
5.5	139.7	0.81	5:1	4	16	14	25
6	152.4	0.96	5:1	4.5	21	11	25
7	177.8	0.99	5:1	5	14	8	25
8	203.2	1.1	6:1	6	12	6.5	25
9	228.6	1.2	6:1	6.5	9	6	25
10	254	1.3	8:1	7.5	7	5	25
12	304.8	1.5	8:1	8	4	4.3	25
14	355.6	2.2	8:1	10	3.7	3.6	25
16	406.4	2.5	8:1	12	2.5	3.2	25
18	457.2	2.8	8:1	13	1.8	3	25
20	508	3.1	8:1	14	1.3	2.6	25
22	558.8	3.5	8:1	15	0.81	2.4	25
24	609.6	3.8	8:1	17	0.75	2.2	25

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