



APPLICATIONS

Recommended for light bulk material handling applications: Abrasion resistance; aluminum refractory; chemical fumes; dust collection; flame retardant; food grade; granule transport; landfill venting; lawn & leaf collection; meat packing; pharmaceutical; powder & bulk; sand & gravel suction; shipyards; shredders; starch transfer; suction hose; textile mills; wave pool blowers; welding; woodworking

FEATURES

Excellent internal & external abrasion resistance; good chemical & moisture resistance; excellent choice for ventilation applications, dust & fume removal; blue is listed as UL 94V-0 flame retardant; clear is manufactured with FDA acceptable materials; wall thickness = .035" (1 1/4" to 3 1/2"), .045" (4" & above); available in metric sizes, consult sales team on pricing & minimums

CONSTRUCTION

Heavy weight PVC hose reinforced with a coated spring steel wire helix (sizes 14" I.D. & above not available with a coated wire)

REINFORCEMENT

Coated 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

Blue and clear

TEMPERATURE RANGE

20°F to 160°F

STD. LENGTH

25 & 50 feet

TECHNICAL DATA

I.D Ø		Appro. Weight	Compression	Min. Centerline Bend Radius	Max. Recommended (-) Pressure	Max. Recommended (+) Pressure
(inch)	(mm)	(lbs/ft)	(ratio)	(inch)	(in/hg)	(psi)
1.25	31.75	0.3	2:1	1.4	29	30
1.5	38.1	0.36	2:1	1.5	29	30
2	50.8	0.46	2:1	2.42	29	30
2.5	63.5	0.54	2:1	2.84	29	30
3	76.2	0.65	2:1	3.25	28	20
4	101.6	0.91	2:1	4.42	29	20
5	127	1.13	2:1	5.53	16	17
6	152.4	1.36	2:1	6.63	8	15
7	177.8	1.58	2:1	7.17	5	13
8	203.2	1.8	2:1	7.7	3	11
10	254	2	2.5:1	9.92	3	8
12	304.8	2.4	2.5:1	12	2	7
14*	355.6	2.9	2.5:1	14	1.27	6
16*	406.4	3.3	2.5:1	16	0.70	5

* Wire not coated

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