



**APPLICATIONS**

Recommended for light bulk material handling applications: Abrasion resistance; agricultural; aluminum refractory; chemical fumes; dust collection; fume exhaust; landfill venting

**FEATURES**

Great compressibility; great abrasion resistance & high tear strength; superior chemical resistance; excellent flexibility; designed for applications with wide temperature ranges; very good low temperature flexibility; clear is manufactured with FDA acceptable materials; available in metric sizes, consult sales team on pricing & minimums; wall thickness = .0305" available with factory-installed 2" soft cuffs; low temperature flexibility

**CONSTRUCTION**

Medium weight polyurethane hose reinforced with a bronze coated spring steel wire helix

**REINFORCEMENT**

Bronze 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**

Clear and black

**TEMPERATURE RANGE**

-65°F to 225°F

**COMPRESSION RATIO**

3:1

**STD.. LENGTH**

25 & 50 feet

**TECHNICAL DATA**

I.D Ø		Appro. Weight	Min. Centerline Bend Radius	Max. Recommended (-) Pressure	Max. Recommended (+) Pressure
(inch)	(mm)	(lbs/ft)	(inch)	(in/hg)	(psi)
2	50.8	0.25	2	29	30
2.5	63.5	0.32	2.5	29	30
3	76.2	0.4	3	29	29
3.5	88.9	0.52	3.5	22	28
4	101.6	0.7	4	29	25
5	127	0.9	5	17	22
6	152.4	1	6	15	19
7	177.8	1.2	7	12	16
8	203.2	1.5	8	9	14
9	228.6	1.55	9	5	12
10	254	1.6	8	4	11
12	304.8	2	10	2.2	10
14	355.6	2.5	12	3.3	8
16	406.4	3	14	2.2	7
18	457.2	3.3	16	1.4	6
20	508	3.7	18	1	5.5
22	558.8	4.1	20	0.9	5
24	609.6	4.5	22	0.75	4

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