

**MATERIAL**

**FLEXADUX® PU FLX-THANE® SD**



**APPLICATIONS**

Recommended for light bulk material handling applications: Dust collection; fertilizer broadcasting; food grade; fume exhaust; glass clinching; granule transport; industrial vacuum cleaners; material handling; paint spray extraction; pharmaceutical; plastics industry; plastic pellet transfer; powder & bulk; sand blasting; shredders; static control; ultra violet dryers; woodworking

**FEATURES**

Great abrasion resistance & high tear strength; superior chemical resistance & excellent flexibility; designed for applications with wide temperature ranges; ideal for clean rooms and material plastic processing applications; reduces static build-up in material handling applications; surface resistance level: 10<sup>8</sup>-10<sup>10</sup> ohms/square; clear is manufactured with FDA acceptable materials; wall thickness = .030"; available with factory-installed 2" soft cuffs

**CONSTRUCTION**

Medium weight static dissipative 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

**STD. LENGTH**

25 & 50 feet

**COMPRESSION RATIO**

3:1

**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
4	101.6	0.7	4	29	25
5	127	0.9	5	17	22
6	152.4	1	6	15	19
8	203.2	1.5	8	9	14
10	254	1.6	8	4	11
12	304.8	2	10	2.2	10

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