

Urethane Flex Static Dissipative

Specifications
January 2013

Construction: Medium weight black or clear static dissipative polyurethane wall hose construction reinforced with a bronze coated spring steel wire helix.

Product Features:

- * Great abrasion resistance & high tear strength
- * Superior chemical resistance & excellent flexibility
- * Designed for applications with wide temperature ranges
- * Ideal for clean room and material plastic processing applications
- * Reduces static buildup in material handling applications
- * Surface resistance level: $10^8 - 10^{10}$ Ohms/Square
- * Clear is manufactured with FDA acceptable materials

Applications: Abrasives, Dust, Materials.

Temperature Range: - 65 F to + 225 F

Sizes I.D. (inches): 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10 and 12 Inch ID

ID Tolerances: Up to 8" I.D. -0.00 to + 0.125 Inch
8 Inch and over: -0.00 to +0.250 Inch

Wall Thickness: .030 Inch

Standard Length: 25 & 50 feet

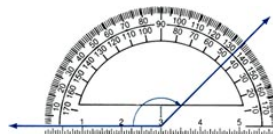
Standard Colors: Clear, (Black is available with a 300ft. minimum)

End Finish: Plain Cut

Markets: Clean Rooms, Dust Collections, Fertilizer Broadcasting, Food Grade, Fume Exhaust, Glass Clinching, Granule Transport, Industrial Vacuum Cleaners, Material Handling, Paint Spray Extraction, Plastics Industry, Plastic Pellet Transfer, Pharmaceuticals, Powder & Bulk, Sand Blasting, Shredders, Static Control, Ultra Violet Dryers, Woodworking & Furniture Industries

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Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Min Centerline Bend Radius (Inches)	Compression Ratio	Max Recommended Negative Pressure (IN./HG)	Max Recommended Positive Pressure (PSI)
2	0.25	2	3 to 1	29	30
2.5	0.32	2.5	3 to 1	29	30
3	0.40	3	3 to 1	29	29
4	0.70	4	3 to 1	29	25
5	0.90	5	3 to 1	17	22
6	1.00	6	3 to 1	15	19
8	1.50	8	3 to 1	9	14
10	1.60	8	3 to 1	4	11
12	2.00	10	3 to 1	2.2	10

Note: Technical data based on 2 ft. straight lengths of hose 72 F.

Disclaimer: The proper use and maintenance of the hose and/or duct is the sole responsibility of the purchaser and ultimate user of the product. This information is presented as a general guide only. The number of variables which can be present in any application make firm recommendations impossible. Adequate testing under actual service conditions is necessary to properly establish suitability. We take pride in the quality of all of our products and we welcome comments and suggestions from our customers.

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