

Urethane Flex Light Duty

Specifications

January 2013

Construction: Lightweight black or clear polyurethane wall hose construction reinforced with a spring steel wire helix.

Product Features:

- * This hose is in stock in 4", 6" and 8" ID sizes and can ship in 24hours.
- * Great compressibility
- * Great abrasion resistance
- * Superior chemical resistance
- * Excellent flexibility
- * Designed for wide temperature ranges
- * Efficient flow characteristics & excellent compressibility
- * Clear is manufactured with FDA acceptable materials
- * Available in Metric sizes
- * Available with factory installed 2" soft cuffs

Applications: Air, 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, 12, 14, 16, and 18

The clear version of this hose is in stock in 4", 6" and 8" ID sizes.

Size I.D. (Metric): 60, 80, 100, 120, 140, 150, 175, 200, 250, & 300mm

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

Wall Thickness: 0.015" (2"), 0.020" (2.5" & above)

Standard Length: 25 feet, (Metric lengths 200ft minimum)

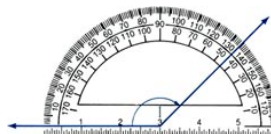
Standard Colors: Black or Clear

End Finish: Plain Cut\

Markets: Abrasion Resistance, Agriculture, Aluminum Refractory, Chemical Fumes, Clean Rooms, Cold Air Supply, Dust Collection, Fume Exhaust, Hull Sanding Equipment, Landfill Venting, Lawn & Leaf Collection, Oil Mist, Ozone, Paint Spray Extraction, Paper Trim Conduit, Peat Moss Vacuum, Pharmaceutical, Plastic Bag Machines, Printing, R. V. Manufacturing, Textile Mills, Ultra Violet Dryers, Vapor Recovery Hose, 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	0.35	2.75	4 to 1	19	30
3	0.40	3.25	4 to 1	29	30
4	0.50	3.75	4 to 1	24	22
5	0.60	4.5	4 to 1	13	18
6	0.70	5.25	4 to 1	8	15
7	0.80	5.88	5 to 1	8	10
8	0.90	6.5	5 to 1	2	7
10	1.2	7.5	5 to 1	2	7
12	1.4	9	5 to 1	1.7	6
14	1.6	12	5 to 1	1.1	5
16	1.8	14	5 to 1	0.7	4.6
18	2.0	16	5 to 1	0.5	4.1

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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