

Urethane Flex Medium Duty

Specifications
January 2013

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

Product Features:

- * This hose is in stock in a variety of sizes can ship in 24hours.
- * Good 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
- * Available with factory installed 2" soft cuffs

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, 12, 14, 16, 18, 20, 22, and 24
2", 2.5", 3", 4", 5", 6", 7", 8", 10", 12", 14" ID's are in stock Black only and can ship in 24 hours
4", 6", 8" ID's are available in Clear only and can ship in 24 hours

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

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, (Metric lengths 200ft minimum)
2", 2.5", 3", 4", 5", 6", 7" ID's are available in 12.5ft increments (Black only) and can ship in 24 hours
8", 10", 12", 14" ID's are available in 5ft increments (Black only) and can ship in 24 hours
4", 6", 8" ID's are available in 12.5ft increments (Clear only) and can ship in 24 hours

Standard Colors: Black or Clear

End Finish: Plain Cut

Markets: Abrasion Resistance, Agricultural, Bridge Cleaning, Chemical Fumes, Concrete Transport, Cotton Pickers, Duct Cleaning, Dust Collection, Fertilizer Broadcasting, Foundry Sand Transfer, Furnace Duct Cleaning, Fume Exhaust, Glass Clinching, Granule Transport, Grinders, Jet Fuel Vapor Venting, Hull Sanding Equipment, Industrial Vacuum Cleaners, Landfill Venting, Lawn & Leaf Collection, Laser Engraving, Lav Waste Disposal, Oil Material Handling, Off-Road, Mist, Ozone, Paint Spray Extraction, Peat Moss Vacuum, Plastic Pellet Transfer, Plastics Industry, Powder & Bulk, Sand Blasting, Sand & Gravel Suction, Sheet Metal, Shredders, Sprayers, Starch Transfer, , Straw Blowing Street & Parking Lot Sweepers, Suction Hose, Textile Mills, Ultra Violet Dryers, Vapor Recovery Hose, Woodworking/Furniture Industries

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800-370-9152
www.ducting.com



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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)	Positive Pressure (PSI)
2	0.25	2.00	3 to 1	29	30
2.5	0.32	2.50	3 to 1	29	30
3	0.40	3.00	3 to 1	29	29
3.5	0.52	3.50	3 to 1	22	28
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
7	1.20	7	3 to 1	12	16
8	1.50	8	3 to 1	9	14
9	1.55	9	3 to 1	5	12
10	1.60	8	3 to 1	4	11
12	2.00	10	3 to 1	2.2	10
14	2.50	12	3 to 1	3.3	8
16	3.00	14	3 to 1	2.2	7
18	3.30	16	3 to 1	1.4	6
20	3.70	18	3 to 1	1	5.5
22	4.10	20	3 to 1	0.90	5
24	5.50	22	3 to 1	0.75	4

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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