

# Urethane Flex Heavy Duty

Specifications

January 2013

**Construction:** Heavy weight black or clear polyurethane wall hose construction reinforced with a coated spring steel wire helix (sizes 14" I.D. and above not available with a coated wire.)

**Product Features:**

- \* This hose is in stock in 4", 6" and 8" ID sizes and can ship in 24hours.
- \* Great abrasion resistance & high tear strength
- \* Superior chemical resistance
- \* Excellent flexibility
- \* Designed for applications with wide temperature ranges
- \* Ideal for severe service applications
- \* Very good low temperature flexibility
- \* Clear is manufactured with FDA acceptable materials
- \* Available in metric sizes, consult sales team on pricing & minimums
- \* Available with factory-installed 2" soft cuffs

**Applications:** Abrasives, 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 Inch

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

**Sizes 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:** .035 Inch (2" -- 3.5" ID), .045 Inch (4" - 24" ID)

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

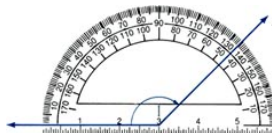
**Standard Colors:** Black or Clear

**End Finish:** Plain Cut

**Markets:** Abrasion Resistance, Agricultural, Air Duct Cleaning, Bridge Cleaning Filtering, Chemical Fumes, Concrete Transport, Cotton Pickers, Duct Cleaning, Dust Collection, Fertilizer Broadcasting, Foundry Sand Transfer, Furnace Duct Cleaning, Glass Clinching, Granule Transport, Grinders, Hull Sanding Equipment, Industrial, Industrial Vacuum Cleaners, Lawn & Leaf Collection, Material Handling, Off-Road, Paper Mills, Paper Trim Conduit, Peat Moss Vacuum, Plastic Pellet Transfer, Powder & Bulk, Sand Blasting, Sand & Gravel Suction, Sheet Metal, Shredders, Sprayers, Starch Transfer, Straw Blowing, Street & Parking Lot Sweepers, Textile Mills, 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)	Positive Pressure (PSI)
2	0.35	2	2 to 1	29	32
3	0.55	3	2 to 1	29	32
4	0.90	3.5	2 to 1	29	30
5	1.1	4	2 to 1	17	30
6	1.2	5	2 to 1	15	24
7	1.4	7	2 to 1	12	22
8	1.7	8	2 to 1	9	20
10	1.9	9	2 to 1	4	17
12	2.4	11	2 to 1	2.5	14
14*	3.2	13	2 to 1	3.5	12
16*	3.7	15	2 to 1	2.5	11
18*	4.1	17	2 to 1	1.5	10
20*	4.6	19	2 to 1	1	9

\* (Sizes 14" I.D. and above not available with a coated wire.)

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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