

Urethane Flex Extra Heavy Duty

Specifications

January 2013

Construction: Very heavy weight polyurethane hose reinforced with a coated spring steel wire helix (sizes 14" I.D. & above not available with a coated wire)

Product Features:

- * 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): 4.00-18.00 Inch I.D., Custom to 24.00 Inch I.D.

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: .045 Inch (2" -- 3.5" ID), .060 Inch (4" - 24" ID)

Standard Length: 25 Feet

Standard Colors: Clear and Black (also available in translucent Blue)

End Finish: Plain Cut

Markets: Abrasion Resistance, Agricultural, Concrete Transport, Lawn & Leaf Collection, Material Handling, Paper Mills, Paper Trim Conduit, Powder & Bulk, Straw Blowing, Street & Parking Lot Sweepers

Rubber-Cal, Inc.
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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)
4	1	4	2:1	29	34
5	1.3	5	2:1	17	33
6	1.5	6	2:1	15	32
8	1.9	8	2:1	9	29
10	2.2	10	2:1	4	25
12	2.6	12	2:1	2.5	20
14*	3.8	14	2:1	3.5	18
16*	4.2	16	2:1	2.5	15
18*	4.8	18	2:1	1.5	12

* Wire not coated

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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