

Neoprene Flex - 2 ply HD

Specifications
January 2013

Construction: Double-ply neoprene coated nylon fabric hose construction reinforced with a spring steel wire helix.

Product Features:

- * Neoprene and nylon construction offers excellent abrasion resistance and superior flex life
- * Handles both positive and negative pressure
- * Excellent tensile strength
- * Available with an external wearstrip
- * Additional coatings available for better abrasion &/or chemical resistance

Applications: Abrasives, Dust, Materials.

Temperature Range: - 40 F to + 250 F

Sizes I.D. (inches): 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 22, and 24 Inch I.D.
Custom ID sizes up to 60 inch ID

ID Tolerances: To 8 Inch: -0.00 to + 0.125 Inch
8 Inch and over: - 0.00 to + 0.250 Inch

Standard Length: 25 Feet

Standard Colors: Black

End Finish: Plain Cut (cuffs available)

Markets: Abrasion Resistance, Concrete Transport, Dust Collection, Foundry Sand Transfer, Glass Clinching, Material Handling, Powder & Bulk, Shredders, Street & Parking Lot Sweeping

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	0.65	4	3.2 to 1	29	30
5	0.8	4.1	3.2 to 1	25	30
6	1.1	4.7	3.5 to 1	24	30
7	1.2	5.1	3.5 to 1	16	26
8	1.3	5.7	3.5 to 1	14	23
10	1.6	7.2	4 to 1	7	19
12	1.9	8.6	4 to 1	4	15
14	2.6	9.8	4 to 1	3	11
16	3	11.2	4 to 1	2	9
18	3.1	11.6	4 to 1	1.5	7
20	3.5	13	4 to 1	1.1	5
24	4.1	15.4	4 to 1	0.6	3

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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