

Neoprene Flex - 2 ply

Specifications
January 2013

Construction: Double-ply neoprene coated black polyester fabric hose reinforced with a spring steel wire helix

Product Features:

- * Good crush resistant and tensile strength
- * Neoprene coating offers excellent abrasion and chemical resistance
- * Good flexibility
- * More durable than double ply cotton hoses
- * Listed as UL 94 V-0 flame retardant
- * Additional coating available for better abrasion &/or chemical resistance
- * Available in Metric sizes

Applications: Abrasives, Dust, Materials.

Temperature Range: - 40 F to + 250 F

Sizes I.D. (inches): 1, 1.25, 1.5, 1.75, 2, 2.25, 2.5, 2.75, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 22 & 24 inch I.D., Custom size to 60 Inch I.D.

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

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: Aluminum Refractory, Auto Tellers, Bus, Car Wash, Dust Collection, Flame Retardant, Flight Simulators, Grinders, HEPA, Industrial, Landfill Venting, Laser Engraving, Paint Spray Extraction, Plastic Bag Machines, Plastics Industry, Sheet Metal, Shredders, Shipyards, Textile Mills, Wave Pool Blowers, Woodworking and Furniture Industries

Rubber-Cal, Inc.
620 West Warner Ave
Santa Ana, CA 92707
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)	Max Recommended Positive Pressure (PSI)
1	0.12	1.1	3 to 1	29	30
1.25	0.14	1.3	3 to 1	29	30
1.5	0.17	1.7	3 to 1	29	30
2	0.25	2.0	3 to 1	29	30
2.5	0.29	1.8	3 to 1	29	30
3	0.34	2.4	3 to 1	29	30
3.5	0.4	2.5	3 to 1	22	29
4	0.56	3.1	3 to 1	29	30
4.5	0.63	3.2	2.7 to 1	23	19
5	0.75	3.5	2.7 to 1	17	17
6	0.95	4.5	2.7 to 1	21	11
8	1.10	6.0	2.7 to 1	12	6.5
10	1.30	7.5	2.7 to 1	7	5
12	1.50	8.0	4 to 1	4	4.3
14	2.2	10	4 to 1	3.7	3.6
16	2.5	12	4 to 1	2.5	3.2
18	2.8	13	4 to 1	1.8	3
20	3.1	14	4 to 1	1.3	2.6
24	3.8	17	4 to 1	0.75	2.2

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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