

Thermoplastic Flex Super Reinforced

Specifications

October 2022

Construction: Thermoplastic rubber coated super reinforced non-woven polyester fabric hose with a spring steel wire helix

Product Features:

- * Combines the ozone, UV, weathering, and chemical resistance of thermoplastic rubber with the tensile strength and fatigue resistance of fabric hoses
- * Offers the better tear strength, puncture, & abrasion resistance than traditional reinforced woven neoprene & thermoplastic hoses
- * Handles higher positive pressures than non-reinforced thermoplastic rubber hoses

Applications: Abrasives, Dust, Materials.

Temperature Range: -50°F to 285°F. intermittent to 325°F

Size I.D. (Inches): 2, 2.25, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 12, 14, 16 and 18 Inch ID

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

Wall Thickness: .020 Inch

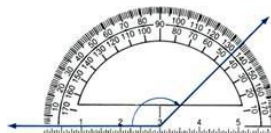
Standard Length: 25 & 50 Feet.

Standard Color: Black (also available in Blue)

End Finish: Plain Cut

Markets: Abrasion Resistance, Agricultural, Air Duct Cleaning, Aluminum Refractory, Auto Tellers, Bus, Car Wash, Chemical Fumes, Cotton Pickers, Dry Cleaning, Duct Cleaning, Dust Collection, Flight Simulators, Fume Exhaust, Furnace Duct Cleaning, Grinders, HEPA, Industrial, Landfill Venting, Lawn & Leaf Collection, Mining, Off-Road, Ozone, Paint Spray Extraction, Paper Trim Conduit, Pipe Organs, Plastic Bag Machines, Plastics Industry, R.V. Manufacturing, Sheet Metal, Shipyard, Textile Mills, Wave Pool blowers, Woodworking/Furniture Industries.

Rubber-Cal, Inc.
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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	0.22	2.75	3 to 1	29	50
2.5	0.26	2.8	3 to 1	29	30
3	0.33	3	3 to 1	29	29
3.5	.4	3.2	4 to 1	29	27
4	0.50	3.5	4 to 1	29	25
4.5	.55	4	4 to 1	29	23
5	0.63	5	4 to 1	29	22
6	0.70	6	4 to 1	14	16
8	1	7.5	4 to 1	8	12
10	1.25	9	4 to 1	7	9
12	1.75	10	4 to 1	4	8

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.

California Prop 65: ⚠️ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

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