

Thermoplastic Flex Light Duty

Specifications
January 2013

Construction: Light weight black thermoplastic rubber hose reinforced with a spring steel wire helix

Product Features:

- * Excellent compressibility and flexibility
- * Designed for applications with wide temperature ranges
- * Great moisture and UV resistance
- * Excellent chemical resistance
- * Smooth inner surface assures minimal friction loss and efficient air flow

Applications: Air, Dust, Fume.

Temperature Range: - 40 F to + 275 F

Sizes I.D. (inches): 1.5, 1.75, 2, 2.25, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 12, 14 and 16

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

Wall Thickness: .020 Inch

Standard Length: 25 & 50 Feet

Standard Colors: Black

End Finish: Plain Cut

Markets: Brake Ducting, Bus, Cab Ventilation, Cotton Pickers, Dry Cleaning, Flight Simulators, Oil Mist, Pipe Organs, Stereo Speakers, Transmission Cooling

Rubber-Cal, Inc.
620 West Warner Ave
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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)
1.5	0.14	1.08	5 to 1	29	16
2	0.18	2	5 to 1	29	12
2.5	0.21	2.46	5 to 1	19	9
3	0.24	2.92	5 to 1	11	7.7
4	0.31	3.58	8 to 1	9	5.1
5	0.39	3.79	8 to 1	4.7	4.1
6	0.46	4	8 to 1	2.7	3.4
7	0.48	4.25	8 to 1	2.8	2.4
8	0.56	4.5	8 to 1	1.9	2.1
10	0.69	5.8	8 to 1	1	1.7
12	0.84	7	8 to 1	0.6	1.4
14	0.97	8.1	8 to 1	0.4	1.2
16	1.1	9.3	8 to 1	0.24	1.07

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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