

Tornado-Flex

Specifications

January 2013

Construction: Single-ply PVC vinyl coated polyester fabric hose reinforced with a spring steel wire helix & external PVC wearstrip.

Product Features:

- * Lightweight duct for blower applications
- * Highly compressible
- * Retractibility allows for convenient storage and easy transport in a fraction of its fully extended length
- * Low friction loss
- * Wearstrip offers external abrasion resistance
- * Listed as UL 94V-0 flame retardant
- * Manufactured with materials that meet NFPA 701 standards

Application: Air.

Temperature Range: - 20 F to + 180 F

Sizes I.D. (inches): 4, 5, 6, 7, 8, 10, 12, 14, 16, 18, 20, and 24 Inch I.D.
Custom sizes up to 52" ID available

ID Tolerances: To 12 Inch: -0.00 to + 0.125 Inch
12 Inch and over: - 0.00 to + 0.250 Inch

Standard Length: 25 Feet

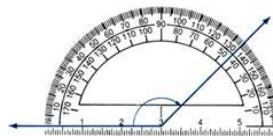
Standard Colors: Yellow with black wearstrip
Custom colors: Olive Drab, Desert Tan, Blue, White

End Finish: Plain Cut (cuffs and belted end finishes available)

Markets: Aerospace, Air Duct Cleaning, A/C Ventilation, Blower Hose, Chiller, Cold Air Supply, Confined Space Ventilation, Dehumidification, Fans and Blowers, Flame Retardant, Flight Simulators, Function Tent HVAC, HEPA, Humidity Control, HVAC, Laser Engraving, Mining, Pet Training Hose, Rocket Support Duct, Safety Equipment, Smoke Ejectors, Utility Blowers, Ventilation, Wave Pool Blowers

Rubber-Cal, Inc.
620 West Warner Ave
Santa Ana, CA 92707
800-370-9152

www.ducting.com



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.com

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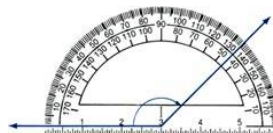
Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Min Centerline Bend Radius (Inches)	Compression Ratio	Max Recommended Negative Pressure (IN./HG)	Max Recommended Positive Pressure (PSI)
4	0.25	2	10 to 1	9	13
5	0.30	3.1	10 to 1	7	12
6	0.30	3	11 to 1	3	11
8	0.45	4.5	11 to 1	2.8	8
10	0.60	5.5	11 to 1	2	7
12	0.70	6.75	11 to 1	1	5
14	0.80	8	11 to 1	.75	5
16	0.90	9	11 to 1	.5	5
18	1.00	10	11 to 1	.4	4
20	1.1	11	11 to 1	.3	3
22	1.3	12.5	11 to 1	.2	3
24	1.4	13.5	11 to 1	.1	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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