

Tornado Flex Insulated AD

Specifications
January 2013

Construction: Two single-ply PVC vinyl coated yellow polyester fabric plies protecting an insulation barrier with a black external wearstrip reinforced with a spring steel wire helix.

Product Features:

- * Ideal use for permanent and mobile air conditioning units
- * PVC material resists ozone, UV rays, and moisture
- * Compressibility allows for convenient storage
- * Wearstrip offers additional external abrasion & drag resistance
- * Other hose construction available with different materials
- * Manufactured with flame retardant materials
- * Made with sewn cuff on each end

Application: Air.

Temperature Range: - 20 F to + 180 F

Sizes I.D. (inches): 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 22, and 24 Inch I.D. Custom ID sizes up to 48 Inch

ID Tolerances: - 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: Cuffs standard on each end. Other end finishes available.

Markets: A/C Ventilation, Chiller, Function Tent HVAC, HVAC, Plastic Bag Machines, Shipyards, Thermo Insulated Hose

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)
6	0.585	3.57	5 to 1	5.5	3.3
8	0.91	4.7	5 to 1	6	2.47
10	1.12	6	5 to 1	3	1.98
12	1.34	8	5 to 1	1.8	1.66
14	1.518	8.5	5 to 1	1.17	1.42
16	1.727	9.6	5 to 1	0.8	1.25
18	1.936	11	5 to 1	0.6	1.11
20	2.145	12	5 to 1	0.4	1
24	2.564	14	5 to 1	0.25	0.85

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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