



ENGINEERING AND TECHNICAL DATA
Flex-Tube® TR
June 2010

Construction: Medium weight coextruded thermoplastic rubber hose with a rigid external polypropylene helix



Product Features:

- " Ultra smooth interior wall assures efficient airflow
- " Very flexible
- " Tight bend radius
- " Crush resistant
- " Moisture & chemical resistant
- " Designed for applications with wide temperature ranges
- " Spiral co-extruded engineered construction
- " Helix acts as a wearstrip
- " Wall Thickness = .026" (3" to 5+), .035+(6" to 8+), .040+(10+)
- " OEM lengths & colors available

Applications: Recommended for fume and dust control handling applications.

Temperature Range: -60°F to 275°F, Intermittent to 300°F

Diameter Range (Inches I.D.): 3.00-10.00 Inch I.D.

Standard Length: 25 Feet

I.D. Tolerances (Inches): To 10 Inch: -0.00 to +0.125 Inch

Standard Color: Black with black helix

End Finish: Plain Cut

Markets: "Abrasion Resistance "Agricultural "Air Duct Cleaning "Car Wash "Circuit Board Cooling "Conduit Applications "Confined Space Ventilation "Cotton Pickers "Dry Cleaning "Duct Cleaning "Dust Collection "Furnace Duct Cleaning "HEPA "Landfill Venting "Laser Engraving "Lawn & Leaf Collection "Off-Road "Ozone "Paint Spray Extraction "Paper Trim Conduit "Pipe Organs "Plastic Bag Machines "R.V. Manufacturing "Sheet Metal "Textile Mills "Vapor Recovery Hose "Woodworking/Furniture Industries



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SIZE INSIDE DIMENSION (INCHES)	APPROXIMATE WEIGHT (LBS./FT.)	MINIMUM CENTERLINE BEND RADIUS (INCHES)	COMPRESSION RATIO	MAXIMUM RECOMMENDED NEGATIVE PRESSURE (IN./HG.)	MAXIMUM RECOMMENDED POSITIVE PRESSURE (PSI)
3	.36	4.5	2:1	20	15
4	.4	5	2:1	16	12
5	.7	6	2:1	15	15
6	.8	7	2:1	14	18
7	.95	8	2:1	12	16
8	1.13	9.75	2:1	8	15
10	1.5	11	2:1	6	10

Note: Technical data based on 2 ft. straight lengths of hose @ 72° F.

Disclaimer: The proper use and maintenance of hose and/or duct manufactured by Flexaust 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 Flexaust products and we welcome comments and suggestions from our customers.



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