

Smooth-Tube PVC

Specifications

January 2014

Construction: Medium weight co-extruded PVC wall hose construction reinforced with a rigid external PVC helix.

Product Features:

- * Completely smooth interior maximizes prevents clogs and maximizes airflow.
- * Cost-effective smooth interior hose.
- * Excellent flexibility and crush resistant.
- * External helix acts as wearstrip, protecting the outside of the hose.
- * Available in flame retardant version.
- * Cuffs available.

Applications: Recommended for industrial air movement and light dust applications.

Temperature Range: 20 F to + 160 F

Sizes I.D. (inches): 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10 and 12 Inch I.D.

Stocked Sizes I.D. (inches): 2, 3, 4, 5, 6, 8 and 10 Inch I.D.

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

Wall Thickness: 0.030 inch (2.5" to 3"), 0.032 inch (4"), 0.035 inch (5 to 8"), 0.40 inch (9" to 12")

Standard Length: 12 and 25 Feet

Standard Colors: Clear with Black PVC Helix

End Finish: Plain ends. Cuffs available on request.

Markets: Agricultural, Air Duct Cleaning, Chemical Fumes, Clean Rooms, Duct Cleaning, Flight Simulators, Food Grade, Furnace Duct Cleaning, Limo A/C Duct, Meat Packing, Pet Grooming Equipment, Pharmaceutical, Pipe Organs, Pollution Control, Printing, R.V. Manufacturing, Stereo Speakers, Textile Mills, Welding

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www.ducting.com



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Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Min Centerline Bend Radius (Inches)	Compression Ratio	Wall Thickness Inches	Max Recommended Negative Pressure (IN./HG)	Max Recommended Positive Pressure (PSI)
2	0.32	2.2	2 to 1	.030	27	28
2.5	0.4	3.1	2 to 1	.030	26	25
3	0.5	3.7	2 to 1	.030	22	18
4	0.72	4	2 to 1	.032	14	16
5	0.92	5.25	2 to 1	.035	12	17
6	1.11	6.25	2 to 1	.035	10	12
7	1.32	7	2 to 1	.035	10	11
8	1.5	8	2 to 1	.035	6	10
9	1.65	9.25	2 to 1	.040	5	9
10	1.85	9.5	2 to 1	.040	4	7
12	2.8	10	3 to 1	.040	4	5

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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