

Smooth-Tube PU

Specifications

January 2014

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

Product Features:

- * Completely smooth interior maximizes prevents clogs and maximizes airflow.
- * Highly abrasive resistant, smooth interior hose.
- * Excellent flexibility and puncture and crush resistant.
- * External helix acts as wearstrip, protecting the outside of the hose.
- * Excellent anti-microbial properties.
- * Cuffs available.

Applications: Recommended for dust and material handling applications.

Temperature Range: -40 F to + 200 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): 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: 0.032 inch (2 to 2.5"), 0.033 inch (3" to 5"), 0.035 inch (6 to 8"), 0.040 inch (9" to 12")

Standard Length: 12 and 25 Feet

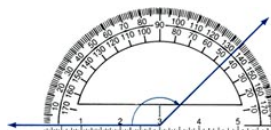
Standard Colors: Clear with Yellow ABS Helix

End Finish: Plain ends. Cuffs available on request.

Markets: Abrasion Resistance, Agricultural, Bridge Cleaning, Chemical Fumes, Concrete Transport, Cotton Pickers, Duct Cleaning, Dust Collection, Fertilizer Broadcasting, Foundry Sand Transfer, Furnace Duct Cleaning, Fume Exhaust, Glass Clinching, Granule Transport, Grinders, Jet Fuel Vapor Venting, Hull Sanding Equipment, Industrial Vacuum Cleaners, Landfill Venting, Lawn & Leaf Collection, Laser Engraving, Lav Waste Disposal, Oil Material Handling, Off-Road, Mist, Ozone, Paint Spray Extraction, Peat Moss Vacuum, Plastic Pellet Transfer, Plastics Industry, Powder & Bulk, Sand Blasting, Sand & Gravel Suction, Sheet Metal, Shredders, Sprayers, Starch Transfer, , Straw Blowing Street & Parking Lot Sweepers, Suction Hose, Textile Mills, Ultra Violet Dryers, Vapor Recovery Hose, Woodworking/Furniture Industries

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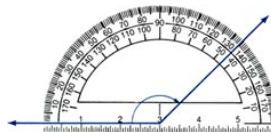
Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Centerline Bend Radius Inches	Min Centerline Bend Radius (Inches)	Compression Ratio	Max Recommended Negative Pressure (IN./HG)	Max Recommended Positive Pressure (PSI)
2	0.34	2.8	0.032	1.5 to 1	28	37
2.5	0.4	3.7	0.032	1.5 to 1	28	35
3	0.46	3.7	0.033	1.7 to 1	26	32
4	0.75	6	0.033	1.5 to 1	20	28
5	0.83	5.5	0.033	2 to 1	16	23
6	0.92	6.5	0.035	2 to 1	10	24
7	1.16	7.5	0.035	2 to 1	9	21
8	1.32	8.5	0.035	2 to 1	8	22
9	1.53	9.25	0.040	2 to 1	7	20
10	1.65	9.25	0.040	2.25 to 1	6	16
12	2.2	10	0.040	3 to 1	5	10

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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