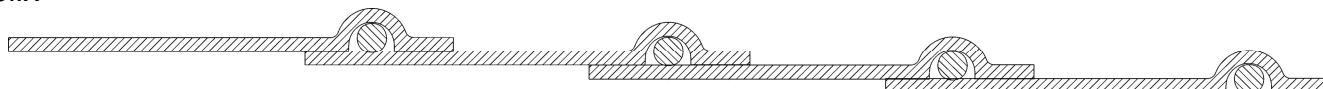




ENGINEERING AND TECHNICAL DATA
Flexadux® PU Flx-Thane® LD
November 2008

Construction: Light weight polyurethane hose reinforced with a bronze coated spring steel wire helix



Product Features:

- " Great compressibility
- " Great abrasion resistance
- " Superior chemical resistance
- " Excellent flexibility
- " Designed for applications with wide temperature ranges
- " Clear is manufactured with FDA acceptable materials
- " Available in metric sizes, consult sales team on pricing & minimums
- " Wall Thickness = .015" (2"), .020" (2.5" & above)
- " Available with factory-installed 2" soft cuffs

Applications: Recommended for industrial air movement, fume control and dust collection applications.

Temperature Range: -65°F to 225°F

Diameter Range (Inches I.D.): 2.00-18.00 Inch I.D.

Standard Length: 25 Feet

I.D. Tolerances (Inches): To 8 Inch: -0.00 to +0.125 Inch
8 Inch and over: -0.00 to +0.250 Inch

Standard Color: Clear and Black

End Finish: Plain Cut

Markets: "Abrasion Resistance "Agricultural "Aluminum Refractory "Chemical Fumes "Clean Rooms "Cold Air Supply "Dust Collection "Fume Exhaust "Hull Sanding Equipment "Landfill Venting "Lawn & Leaf Collection "Oil Mist "Ozone "Paint Spray Extraction "Paper Trim Conduit "Peat Moss Vacuum "Pharmaceutical "Plastic Bag Machines "Printing "R.V. Manufacturing "Sheet Metal "Textile Mills "Ultra Violet Dryers "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)
2	.25	2	3:1	29	30
2.5	.35	2.75	4:1	19	30
3	.4	3.25	4:1	29	30
4	.5	3.75	4:1	24	22
5	.6	4.5	4:1	13	18
6	.7	5.25	4:1	8	15
7	.8	5.88	5:1	8	10
8	.9	6.5	5:1	2	7
10	1.2	7.5	5:1	2	7
12	1.4	9	5:1	1.7	6
14	1.6	12	5:1	1.1	5
16	1.8	14	5:1	.7	4.6
18	2	16	5:1	.5	4.1

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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