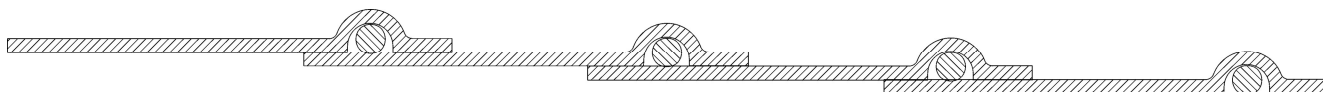




ENGINEERING AND TECHNICAL DATA
Flexadux® PU Flx-Thane® SD
April 2010

Construction: Medium weight static dissipative polyurethane hose reinforced with a bronze coated spring steel wire helix



Product Features:

- " Great abrasion resistance & high tear strength
- " Superior chemical resistance & excellent flexibility
- " Designed for applications with wide temperature ranges
- " Ideal for clean rooms and material plastic processing applications
- " Reduces static build-up in material handling applications
- " Surface resistivity level: 10^8 - 10^{10} Ohms/Square
- " Clear is manufactured with FDA acceptable materials
- " Wall Thickness = .030"
- " Available with factory-installed 2" soft cuffs

Applications: Recommended for light bulk material handling applications.

Temperature Range: -65°F to 225°F

Diameter Range (Inches I.D.): 2.00-12.00 Inch I.D.

Standard Length: 25 & 50 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: Black and Clear

End Finish: Plain Cut

Markets: "Clean Rooms "Dust Collection "Fertilizer Broadcasting "Food Grade "Fume Exhaust
"Glass Clinching "Granule Transport "Industrial Vacuum Cleaners "Material Handling "Paint Spray
Extraction "Pharmaceutical "Plastics Industry "Plastic Pellet Transfer "Powder & Bulk "Sand Blasting
"Shredders "Static Control "Ultra Violet Dryers "Woodworking/Furniture Industries



A **SCHAUENBURG** HOSE TECHNOLOGY COMPANY

1510 Armstrong Road, P.O. Box 4275
Warsaw, IN 46581-4275

Telephone 574-267-7909 • Toll Free 800-343-0428 • Fax 574-269-7491 • Toll Free Fax 800-382-8464
sales@flexaust.com • www.flexaust.com



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Flexadux[®] PU Flx-Thane[®] SD

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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	.32	2.5	3:1	29	30
3	.4	3	3:1	29	29
4	.7	4	3:1	29	25
5	.9	5	3:1	17	22
6	1	6	3:1	15	19
8	1.5	8	3:1	9	14
10	1.6	8	3:1	4	11
12	2	10	3:1	2.2	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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