



## ENGINEERING AND TECHNICAL DATA

Flexadux<sup>®</sup> PU Flx-Thane<sup>®</sup> MD

November 2008

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



### **Product Features:**

- " Good compressibility
- " Great abrasion resistance & high tear strength
- " Superior chemical resistance
- " Excellent flexibility
- " Designed for applications with wide temperature ranges
- " Very good low temperature flexibility
- " Clear is manufactured with FDA acceptable materials
- " Available in metric sizes, consult sales team on pricing & minimums
- " 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.):** 2.00-24.00 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:** "Abrasion Resistance "Agricultural "Bridge Cleaning Filtering "Chemical Fumes "Concrete Transport "Cotton Pickers "Duct Cleaning "Dust Collection "Fertilizer Broadcasting "Foundry Sand Transfer "Fume Exhaust "Furnace Duct Cleaning "Glass Clinching "Granule Transport "Grinders "Industrial Vacuum Cleaners "Jet Fuel Vapor Venting "Landfill Venting "Laser Engraving "Lav Waste Disposal "Lawn & Leaf Collection "Material Handling "Off-Road "Oil Mist "Ozone "Paint Spray Extraction "Peat Moss Vacuum "Plastics Industry "Plastic Pellet Transfer "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



A **SCHAUENBURG** HOSE TECHNOLOGY COMPANY

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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
3.5	.52	3.5	3:1	22	28
4	.7	4	3:1	29	25
5	.9	5	3:1	17	22
6	1	6	3:1	15	19
7	1.2	7	3:1	12	16
8	1.5	8	3:1	9	14
9	1.55	9	3:1	5	12
10	1.6	8	3:1	4	11
12	2	10	3:1	2.2	10
14	2.5	12	3:1	3.3	8
16	3	14	3:1	2.2	7

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



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18	3.3	16	3:1	1.4	6
20	3.7	18	3:1	1	5.5
22	4.1	20	3:1	.9	5
24	4.5	22	3:1	.75	4

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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