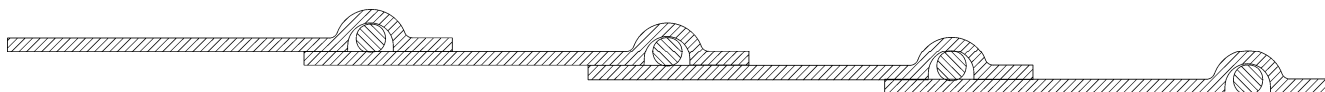




ENGINEERING AND TECHNICAL DATA
Flexadux® PU Flx-Thane® SE
January 2009

Construction: Self-extinguishing medium weight polyurethane hose reinforced with a bronze coated spring steel wire helix



Product Features:

- Halogen-free
- Good compressibility
- Great abrasion resistance & high tear strength
- Superior chemical resistance
- Excellent flexibility
- Designed for applications with wide temperature ranges
- Good low temperature flexibility
- Manufactured with flame retardant materials
- Wall Thickness = .030"

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., Custom to 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: Clear

End Finish: Plain Cut

Markets: •Abrasion Resistance •Agricultural •Flame Retardant •Grinders •Material Handling •Paper Trim Conduit •Powder & Bulk •Shipyards •Straw Blowing •Welding



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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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