



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

**Construction:** Very heavy weight polyurethane hose reinforced with a coated spring steel wire helix (sizes 14" I.D. & above not available with a coated wire)



**Product Features:**

- " Great abrasion resistance & high tear strength
- " Superior chemical resistance
- " Excellent flexibility
- " Designed for applications with wide temperature ranges
- " Ideal for severe service applications
- " Very good low temperature flexibility
- " Clear is manufactured with FDA acceptable materials
- " Available in metric sizes, consult sales team on pricing & minimums
- " Wall Thickness = .045" (2" to 3.5"), .060" (4" & above)
- " 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.):** 4.00-18.00 Inch I.D., Custom to 24.00 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 (available in Translucent Blue)

**End Finish:** Plain Cut

**Markets:** "Abrasion Resistance "Agricultural "Concrete Transport "Lawn & Leaf Collection "Material Handling  
"Paper Mills "Paper Trim Conduit "Powder & Bulk "Straw Blowing "Street & Parking Lot Sweepers



**A SCHAUMBURG 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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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)
4	1	4	2:1	29	34
5	1.3	5	2:1	17	33
6	1.5	6	2:1	15	32
8	1.9	8	2:1	9	29
10	2.2	10	2:1	4	25
12	2.6	12	2:1	2.5	20
14*	3.8	14	2:1	3.5	18
16*	4.2	16	2:1	2.5	15
18*	4.8	18	2:1	1.5	12

\*Wire not coated

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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