

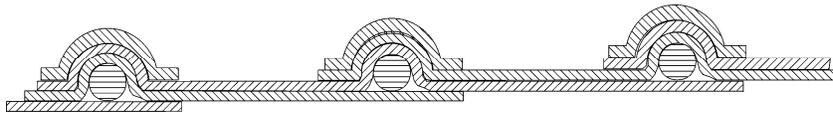


## ENGINEERING AND TECHNICAL DATA

### Flexaust® FSP-2

February 2010

**Construction:** Double-ply PVC vinyl coated polyester fabric hose reinforced with a spring steel wire helix & external PVC wearstrip



#### **Product Features:**

- Wearstrip offers additional external abrasion & drag resistance
- Great moisture, mildew, & chemical resistance
- Low friction loss
- Listed as UL 94V-0 flame retardant
- Other wearstrip colors available
- Available in a heavy duty bridge construction (FSP Bridge)
- Additional coatings available for better abrasion &/or chemical resistance

**Applications:** Recommended for dust control applications.

**Temperature Range:** -20°F to 180°F

**Diameter Range (Inches I.D.):** 3.00-12.00 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:** Black with orange wearstrip

**End Finish:** Plain Cut (cuffs available)

**Markets:** •Abrasion Resistance •Duct Cleaning •Dust Collection •Flame Retardant •Foundry Sand Transfer •Fume Exhaust •Grinders •Industrial •Lav Waste Disposal •Lawn & Leaf Collection •Ozone •Sheet Metal •Shipyards •Straw Blowing •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)
3	.5	2.8	3:1	29	13
4	.72	3.7	3:1	24	10
5	.89	4.7	3:1	13	8
6	1.06	5.3	3.5:1	7.3	7
7	1.24	6.5	3.5:1	5	6
8	1.48	6.9	3.5:1	7	4
10	1.84	8.6	3.5:1	3.7	3
12	2.2	10	3.5:1	2.2	2.6

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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