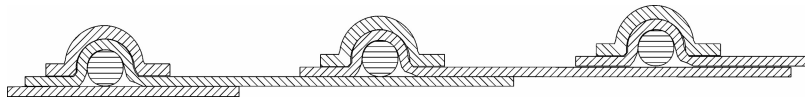




ENGINEERING AND TECHNICAL DATA
Flexaust® FSP-1
March 2007

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



Product Features:

- ˆ Wearstrip offers additional external abrasion & drag resistance
- ˆ Low friction loss
- ˆ Great chemical & moisture resistance
- ˆ Listed as UL 94V-0 flame retardant
- ˆ Other wearstrip colors available
- ˆ Available without a wearstrip for a more economical option
- ˆ Additional coatings available for better abrasion &/or chemical resistance
- ˆ Available in metric sizes, consult sales team on pricing & minimums

Applications: Recommended for industrial air movement and fume 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: ˆAgricultural ˆAuto Tellers ˆCab Ventilation ˆChemical Fumes ˆFlame Retardant ˆFlight Simulators ˆFume Exhaust ˆHEPA ˆHull Sanding Equipment ˆLandfill Venting ˆOil Mist ˆOzone ˆPaint Spray Extraction ˆPharmaceutical ˆPollution Control ˆSheet Metal ˆShipyards ˆTextile Mills ˆUltra Violet Dryers ˆWelding



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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	3.5	2.5:1	29	26
4	.65	4	2.5:1	24	13
5	.75	4.5	2.5:1	17	11
6	.85	5	4:1	16	6
7	1.1	6	4:1	12	5
8	1.25	7	4:1	9	4
10	1.57	8.6	4:1	4	3
12	1.88	10.3	4:1	3	2.5

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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