



**ENGINEERING AND TECHNICAL DATA**  
**Springflex® FSP-5**  
**March 2007**

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



**Product Features:**

- ~ Lightweight duct for blower applications
- ~ Highly compressible
- ~ Retractability allows for convenient storage and easy transport in a fraction of its fully extended length
- ~ Low friction loss
- ~ Wearstrip offers external abrasion resistance
- ~ Listed as UL 94V-0 flame retardant
- ~ Manufactured with materials that meet NFPA 701 standards

**Applications:** Recommended for industrial air movement applications.

**Temperature Range:** -20°F to 180°F

**Diameter Range (Inches I.D.):** 4.00-24.00 Inch I.D., Custom to 48 Inch I.D.

**Standard Length:** 25 Feet

**I.D. Tolerances (Inches):** To 12 Inch: -0.00 to +0.125 Inch  
12 Inch and over: -0.00 to +0.250 Inch

**Standard Color:** Yellow with black wearstrip

**End Finish:** Plain Cut (cuffs & end finishes available)

**Markets:** ~Aerospace ~Air Duct Cleaning ~A/C Ventilation ~Blower Hose ~Chiller ~Cold Air Supply  
~Confined Space Ventilation ~Dehumidification ~Fans & Blowers ~Flame Retardant ~Flight Simulators  
~Function Tent HVAC ~HEPA ~Humidity Control ~HVAC ~Laser Engraving ~Mining ~Pet Training Hose  
~Rocket Support Duct ~Safety Equipment ~Smoke Ejectors ~Utility Blowers ~Ventilation ~Wave Pool  
Blowers



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**(Page 2)**  
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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	.25	2	10:1	9	13
5	.3	3.1	10:1	7	12
6	.3	3	11:1	3	11
8	.45	4.5	11:1	3	8
10	.6	5.5	11:1	2	7
12	.7	6.75	11:1	1	5
14	.8	8	11:1	.75	5
16	.9	9	11:1	.5	5
18	1	10	11:1	.4	4
20	1.1	11	11:1	.3	3
22	1.3	12.5	11:1	.2	3
24	1.4	13.5	11:1	.1	2

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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