



ENGINEERING AND TECHNICAL DATA
Springflex® SD
March 2007

Construction: Single-ply neoprene coated polyester fabric hose reinforced with a spring steel wire helix



Product Features:

- ~ Ideal for moving large volumes of air in portable or permanent ventilation/exhaust systems
- ~ Great compressibility
- ~ Retractability allows for convenient storage & easy transport in a fraction of its fully extended length
- ~ Listed as UL 94V-0 flame retardant

Applications: Recommended for industrial air movement applications.

Temperature Range: -65°F to 250°F

Diameter Range (Inches I.D.): 4.00-24.00 Inch I.D., Custom to 60 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: Yellow

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

Markets: ~A/C Ventilation ~Blower Hose ~Chiller ~Confined Space Ventilation ~Dehumidification ~Fans & Blowers ~Flame Retardant ~Function Tent HVAC ~Humidity Control ~Laser Engraving ~Mining ~Pet Training Hose ~Smoke Ejectors ~Utility Blowers ~Ventilation



A **SCHAUENBURG** 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	.25	3	5:1		5.4
6	.3	3.5	12:1		3
8	.4	5	12:1		3
10	.6	6.5	12:1		2.5
12	.7	7.5	12:1		2
14	.8	8.5	12:1		1.7
16	.9	9.5	12:1		1.5
18	1	10.5	12:1		1.3
20	1.1	12	12:1		1.1
24	1.6	13	12:1		1

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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