

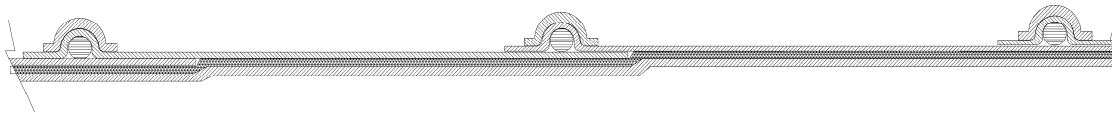


ENGINEERING AND TECHNICAL DATA

Springflex® Arctic Duct 3

August 2009

Construction: Two single-ply PVC vinyl coated polyester fabric plies protecting an insulation barrier reinforced with a spring steel wire helix & external PVC wearstrip



Product Features:

- Ideal use for both permanent & mobile air conditioning applications
- PVC material resists ozone, UV rays, & moisture
- Compressibility allows for convenient storage
- Wearstrip offers additional external abrasion & drag resistance
- Other Arctic Duct constructions available
- Manufactured with flame retardant materials
- Made with sewn cuff on each end

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): -0.00 to +0.250 Inch

Standard Color: Yellow with black wearstrip

End Finish: Cuffs standard on each end (end finishes available)

Markets: •A/C Ventilation •Chiller •Function Tent HVAC •HVAC •Plastic Bag Machines •Shipyards
•Thermo Insulated Hose



A **SCHAUBURG** 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



ENGINEERING AND TECHNICAL DATA
Springflex® Arctic Duct 3
(Page 2)
August 2009

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)
6	.585	3.57	5:1	5.5	3.3
8	.91	4.7	5:1	6	2.47
10	1.12	6	5:1	3	1.98
12	1.34	8	5:1	1.8	1.66
14	1.518	8.5	5:1	1.17	1.42
16	1.727	9.6	5:1	.8	1.25
18	1.936	11	5:1	.6	1.11
20	2.145	12	5:1	.4	1
24	2.564	14	5:1	.25	.85

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.



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