

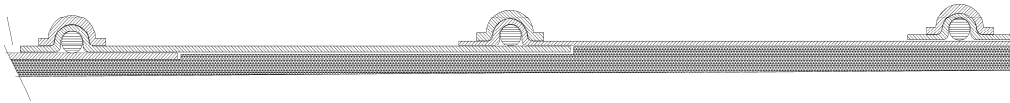


ENGINEERING AND TECHNICAL DATA

Springflex® Arctic Duct U

August 2009

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



Product Features:

- Good for air handling applications
- High tensile strength
- Wearstrip offers additional external abrasion & drag resistance
- Compressibility allows for convenient storage
- Manufactured with flame retardant materials
- Made with sewn cuff on each end

Applications: Recommended for industrial air movement applications.

Temperature Range: -40°F to 250°F

Diameter Range (Inches I.D.): 4.00-20.00 Inch I.D., Custom to 48 Inch I.D.

Standard Length: Made to order

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 •Function Tent HVAC •HVAC •Plastic Bag Machines •Shipyards •Thermo Insulated Hose



A **SCHAUBURG** HOSE TECHNOLOGY COMPANY

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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)
6	.55	4	5:1	6.4	4
8	.895	5	5:1	6.1	3.5
10	1.09	6	5:1	3.16	2.78
12	1.3	7.25	5:1	1.8	2.3
14	1.488	8.5	5:1	1.2	2
16	1.687	9.6	5:1	.78	1.74
18	1.886	10.8	5:1	.55	1.55
20	2.084	12	5:1	.4	1.4

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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