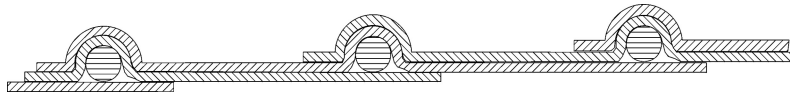




ENGINEERING AND TECHNICAL DATA
Flexaust® Conduct-O-Flex
March 2007

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



Product Features:

- “ Good crush resistance & tensile strength
- “ Neoprene coating offers excellent abrasion & chemical resistance
- “ Good flexibility
- “ More durable than double-ply cotton hoses
- “ High conductivity reduces the danger of static buildup and allows electrostatic buildup to escape when properly grounded
- “ Surface Resistivity Level: 10^3 - 10^5 Ohms/Square

Applications: Recommended for dust control applications.

Temperature Range: -40°F to 250°F

Diameter Range (Inches I.D.): 1.00-24.00 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: Black

End Finish: Plain Cut (cuffs available)

Markets: “Static Control



A SCHAUBURG HOSE TECHNOLOGY COMPANY

1510 Armstrong Road, P.O. Box 4275
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ENGINEERING AND TECHNICAL DATA
Flexaust® Conduct-O-Flex
(Page 2)
March 2007

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)
1	.145	1	2.8:1	29	30
1.25	.178	1.2	2.8:1	29	30
1.5	.21	1.4	2.8:1	29	30
2	.297	2	2.8:1	29	30
2.5	.303	2	2.9:1	29	30
3	.361	2.13	3:1	29	29
3.5	.42	2.48	3:1	25	21
4	.586	2.8	3.7:1	29	16
4.5	.655	3.15	3.7:1	23	16
5	.727	3.5	3.7:1	22	15
6	1	4	4:1	22	13
7	1.15	4.7	4:1	14	14
8	1.138	5.5	5:1	7.3	10
10	1.417	7	5:1	3.79	8

Note: Technical data based on 2 ft. straight lengths of hose @ 72° F.



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ENGINEERING AND TECHNICAL DATA
Flexaust® Conduct-O-Flex
(Page 3)
March 2007

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)
12	1.695	8.2	5:1	2.22	7
14	2.38	9.4	5.5:1	3.11	5
16	2.72	10.8	5.5:1	2.09	4
18	3.2	12	5:1	1.5	4
24	4.2	16	5:1	.62	3

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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