



ENGINEERING & TECHNICAL DATA — Flexaust® Conduct-O-Flex

INSIDE DIAMETER (IN)	APPROX. WEIGHT (LBS/FT)	WALL THICKNESS (IN)	CL BEND RADIUS (IN)	COMPRESSION RATIO	NEGATIVE PRESSURE (IN/HG)	WORKING PRESSURE (PSI)
1	.145	N/A	1	2.8:1	29	30
1.25	.178	N/A	1.2	2.8:1	29	30
1.5	.21	N/A	1.4	2.8:1	29	30
2	.297	N/A	2	2.8:1	29	30
2.5	.303	N/A	2	2.9:1	29	30
3	.361	N/A	2.13	3:1	29	29
3.5	.42	N/A	2.48	3:1	25	21
4	.586	N/A	2.8	3.7:1	29	16
4.5	.655	N/A	3.15	3.7:1	23	16
5	.727	N/A	3.5	3.7:1	22	15
6	1	N/A	4	4:1	22	13
7	1.15	N/A	4.7	4:1	14	14
8	1.138	N/A	5.5	5:1	7.3	10
10	1.417	N/A	7	5:1	3.79	8
12	1.695	N/A	8.2	5:1	2.22	7
14	2.38	N/A	9.4	5.5:1	3.11	5
16	2.72	N/A	10.8	5.5:1	2.09	4
18	3.2	N/A	12	5:1	1.5	4
24	4.2	N/A	16	5:1	.62	3

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

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

Temperature Range: -40°F to 250°F

Standard Color: Black

Standard Lengths: 25 Feet

- Surface Resistivity Level: 10³-10⁵ Ohms/Square
- Meets UL 1067 <90,000 Ohms
- Flame retardant to UL 94V-0

Disclaimer: The proper use and maintenance of hose and/or ducting 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.

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