

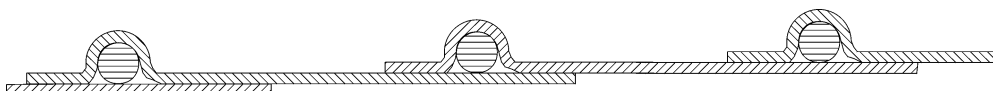


ENGINEERING AND TECHNICAL DATA

Heat-Flex[®] CWGS

March 2007

Construction: Single-ply silicone coated fiberglass fabric hose reinforced with a spring steel wire helix



Product Features:

- Light weight & flexible
- Available in longer lengths than traditional mandrel-built hose
- Resistant to many oils & solvents, ozone, water, fungus, & alkalis
- Not recommended for continuous flexing

Applications: Recommended for industrial air movement and fume control applications.

Temperature Range: -65°F to 550°F

Diameter Range (Inches I.D.): 2.00-12.00 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: Iron Oxide Red

End Finish: Plain Cut (cuffs available)

Markets: •Aircraft •Automotive •Brick Kilns •Defroster/Heater Hose •Dry Cleaning •Dryer Hose
•Garage Exhaust •Heater •High Temperature Applications •Plastics Industry •Rocket Support Duct
•Vehicle Exhaust Systems



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)
2	.21	1.4	5:1	29	30
2.5	.29	1.8	5:1	24	30
3	.31	2.1	5:1	14	30
3.5	.39	2.5	5:1	9	30
4	.4	2.7	6.6:1	12	18
4.5	.49	3	6.6:1	8.5	16
5	.5	3.3	6.6:1	6	14
6	.54	3.7	6.6:1	5	7
8	.73	4.9	6.6:1	2	5
10	.91	6.1	6.6:1	1	4
12	1.08	7.3	6.6:1	.7	.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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