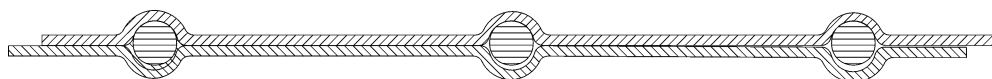




ENGINEERING AND TECHNICAL DATA
Heat-Flex® GS
March 2007

Construction: Double-ply silicone coated fiberglass fabric hose reinforced with a spring steel wire helix & external filament fiberglass cord



Product Features:

- Suited for high temperature air handling applications
- The narrow pitch allows for tight bending radius while maintaining a smooth air flow
- Ideal for plastic processing applications
- Non-kinking
- 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, Intermittent to 600°F

Diameter Range (Inches I.D.): 1.00-12.00 Inch I.D.

Standard Length: 12 Feet

I.D. Tolerances (Inches): -0.00 to +0.125 Inch

Standard Color: Iron Oxide Red

End Finish: Plain Cut (cuffs available)

Markets: •Aircraft •Automotive •Brake Ducting •Brick Kilns •Cab Ventilation •Defroster/Heater Hose
•Dry Cleaning •Dryer Hose •Exhaust Systems •Foundries •Garage Exhaust •Glass Drying •Heater
•High Temperature Applications •Paper Mills •Plastics Industry •Rocket Support Duct •Tractor Pull
Exhaust •Transmission Cooling •Vehicle Exhaust Systems



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



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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)
1	.12	1.2	3:1	29	30
1.5	.17	1.8	3.7:1	29	30
2	.25	2	3.7:1	29	30
2.5	.3	2.3	3.7:1	29	30
3	.33	2.5	3.7:1	29	30
3.5	.4	2.5	3.7:1	29	30
4	.48	3	4.8:1	27	30
4.5	.54	3.2	4.8:1	20	30
5	.59	3.5	4.8:1	14	30
6	.62	4	6:1	9	19
8	.79	4	6:1	9	14
10	.98	5	6:1	1	11
12	1.2	5	6:1	.6	9.4

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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