



ENGINEERING AND TECHNICAL DATA

Flex-Lok® SF-2

January 2008

Construction: Double-ply silicone coated fiberglass fabric hose mechanically crimped in a continuous process



Product Features:

- Fabric is locked around a coated steel wire by a metal strip formed into a clip
- Metal strip acts as a wearstrip
- Outstanding resistance to external abrasion
- Extremely flexible
- Ideal for high temperature fume control & vehicle exhaust applications with external abrasion
- Available with a polyurethane (PU-75 shore material) clip cover to protect the helix & the equipment that is attached to the hose

Applications: Recommended for fume control applications.

Temperature Range: -65°F to 750°F

Diameter Range (Inches I.D.): 3.00-12.00 Inch I.D., Custom to 18.00 Inch I.D.

Standard Length: 25 Feet

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

Standard Color: Silver

End Finish: Plain Cut

Markets: •Aircraft •Automotive •Brick Kilns •Cold Air Supply •Defroster/Heater Hose •Diesel/Engine Exhaust •Dynamometer Testing •Exhaust Systems •Foundries •Fume Exhaust •Garage Exhaust •Heater •High Temperature Applications •Jet Fuel Vapor Venting •Plastics Industry •Pollution Control •Rocket Support Duct •Tractor Pull Exhaust •Vapor Recovery Hose •Vehicle Exhaust Systems •Welding



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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)
3	.6	2.25	6:1	4.5	11
4	.6	2.75	6:1	4.5	7.1
5	.7	3.2	8:1	4	5.4
6	.8	3.5	8:1	3.5	4.2
8	1.1	5	8:1	3.2	3.8
10	1.4	6.5	8:1	3	3
12	1.6	7.5	10:1	2	2.5

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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