



ENGINEERING AND TECHNICAL DATA

Construction: Single-ply silicone coated fiberglass fabric hose construction with an external filament fiberglass cord reinforced with a spring steel wire helix

Product Features:

- Suited for air handling applications at low pressures
- Designed for both high and low temperature extremes
- Non-kinking
- Resistant to many oils & solvents, ozone, water, fungus, and alkalis
- Not recommended for continuous flexing

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

Temperature Range: -65°F to 500°F

Diameter Range (Inches I.D.): 1.00-6.00 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 •Heater •High Temperature Applications •Plastics Industry •Transmission Cooling

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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	.15	1.5	3:1	29	30
2	.19	2	3:1	29	30
2.5	.24	2.375	3:1	29	30
3	.28	3	3:1	22	30
4	.39	3.4	3.5:1	19	27
4.5	.44	3.7	3.5:1	13	25
5	.49	4.1	3.5:1	7	21
6	.52	4.4	4.5:1	4	13

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