

CWGS
Specifications
June 2007

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

Product Features:

- * Light weight and flexible
- * Available in longer lengths than traditional mandrel built hose
- * Resistant to many oils and 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 + 550 F

Sizes I.D. (inches): 2, 2.5, 3, 3.5, 4, 4.5, 5, 6, 7, 8, 10, and 12 Inch I.D.

ID Tolerances: To 8 Inch: -0.00 to + 0.125 Inch
8 Inch and over: - 0.00 to + 0.250 Inch

Standard Length: 12 & 25 Feet

Standard Colors: 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 System

Rubber-Cal, Inc.
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800-370-9152
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Engineering & Technical Data
June 2007

Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Min Centerline Bend Radius (Inches)	Compression Ratio	Max Recommended Negative Pressure (IN./HG)	Max Recommended Positive Pressure (PSI)
2	0.21	1.4	5 to 1	29	30
2.5	0.29	1.8	5 to 1	24	30
3	0.31	2.1	5 to 1	14	30
3.5	0.39	2.5	5 to 1	9	30
4	0.4	2.7	6.6 to 1	12	18
4.5	0.49	3	6.6 to 1	8.5	16
5	0.5	3.3	6.6 to 1	6	14
6	0.54	3.7	6.6 to 1	5	7
8	0.73	4.9	6.6 to 1	2	5
10	0.91	6.1	6.6 to 1	1	4
12	1.08	7.3	6.6 to 1	0.7	3

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

Disclaimer: The proper use and maintenance of the hose and/or duct 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 of our products and we welcome comments and suggestions from our customers.

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