

BDS
Specifications
June 2007

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 high temperature air handling applications
- * The narrow pitch allows for tight bending radius while maintaining a smooth air flow
- * Non-kinking
- * 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 + 500 F

Sizes I.D. (inches): 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 6 and 8

ID Tolerances: -0.00 to + 0.125 Inch

Standard Length: 12 Feet

Standard Colors: Iron Oxide Red

End Finish: Plain Cut (cuffs available)

Markets: Aircraft, Automotive, Brake Ducting, Brick Kilns, Cab Ventilation, Defroster/Heater Hose, Dryer Hose, Dry Cleaning Hose, Heater, High Temperature Application, Paper Mills, Plastics Industry, Transmission Cooling

Rubber-Cal, Inc.
3012 S. Croddy Way,
Santa Ana, CA 92704
800-370-9152

www.ducting.com



BDS

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)
1	0.12	1.2	3 to 1	29	30
1.5	0.15	1.5	3 to 1	29	30
2	0.19	2	3 to 1	29	30
2.5	0.24	2.375	3 to 1	29	30
3	0.28	3	3 to 1	22	30
4	0.39	3.4	3.5 to 1	19	27
4.5	0.44	3.7	3.5 to 1	13	25
5	0.49	4.1	3.5 to 1	7	21
6	0.52	4.4	4.5 to 1	4	13

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.

Rubber-Cal, Inc.
3012 S. Croddy Way,
Santa Ana, CA 92704
800-370-9152
www.ducting.com

