

# Silico-550 Double Ply

Specifications

August 2021

**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
- \* Ideal for plastic processing applications
- \* Non-kinking
- \* Narrow pitch allows for tight bending radius while maintaining a smooth air flow
- \* Resistant to many oils and solvents, ozone, water, fungus, and alkalis
- \* Not recommended for continuous flexing
- \* Designed for both high and low temperature extremes

**Applications:** Air, Fume.

**Temperature Range:** - 65 F to + 550 F, Intermittent to 600F

**Sizes I.D. (inches):** 1, 1.25, 1.5, 1.75, 2, 2.25, 2.5, 3, 3.5, 4, 4.5, 5, 6, 8, 10 and 12

**ID Tolerances:** -0.00 to + 0.125 Inch

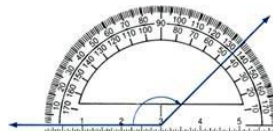
**Standard Length:** 12 Feet

**Standard Colors:** Iron Oxide Red

**End Finish:** Plain Cut (cuffs available)

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

Rubber-Cal, Inc.  
18424 Mt Langley St,  
Fountain Valley, CA 92708  
800-370-9152  
[www.ducting.com](http://www.ducting.com)



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Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Min Centerline Bend Radius (Inches)	Compression Ratio	Max Recommended	
				Negative Pressure (IN./HG)	Positive Pressure (PSI)
0.75	0.08	1	3 to 1	29	30
1	0.12	1.2	3 to 1	29	30
1.5	0.17	1.8	3.7 to 1	29	30
1.75	0.21	1.9	3.7 to 1	29	30
2	0.25	2	3.7 to 1	29	30
2.5	0.3	2.3	3.7 to 1	29	30
3	0.33	2.5	3.7 to 1	29	30
3.5	0.4	2.5	3.7 to 1	29	30
4	0.48	3	4.8 to 1	27	30
4.5	0.54	3.2	4.8 to 1	20	30
5	0.59	3.5	4.8 to 1	14	30
6	0.62	4	6 to 1	9	19
8	0.79	4	6 to 1	9	14
10	0.98	5	6 to 1	1	11
12	1.2	5	6 to 1	0.6	9.4

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.

**California Prop 65:** ⚠️ **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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