

# SSti-Flex 1650

Specifications

January 2013

**Construction:** Manufactured using 316Ti stainless steel in a patented roll lock construction.

**Product Features:**

- \* Durable corrugations allow product to be dragged, bent, and reshaped numerous times without damage or breaking
- \* Suitable for fume and air exhaust applications with extremely high temperatures up to 1650 Fahrenheit
- \* Excellent Flexibility & Crush Resistance
- \* Titanium stabilized 316 stainless alloy for superior high temperature corrosion resistance
- \* Suitable for chemical fume exhausting, high temperatures, and corrosive applications where both positive and negative pressures are involved
- \* 25ft. coils can ship ground in 3" or 4" diameters

**Applications:** Air, Dust, Fume, Materials.

**Temperature Range:** up to 1650 Fahrenheit

**Sizes I.D. (inches):** 3, 4, 5, 5.5, 6, 7, 8, 9, 10, 11, and 12

**ID Tolerances:** + or - .030 Inch

**Wall Thickness:** 0.006 Inch

**Standard Length:** 25 feet (3" to 8") & 15 feet (9" to 12")

**Standard Colors:** Metallic silver

**End Finish:** Plain Cut

**Markets:** Abrasion Resistant, A/C Ventilation, Aircraft, Automotive, Brick Kilns, Chemical Fumes, Chemical Plants, Circuit Board Cooling, Clean Rooms, Confined Space Ventilation, Diesel/Engine Exhaust, Dust Collection, Dynamometer Testing, Exhaust Systems, Fireplace Inserts, Flame Retardant, Foundries, Fume Exhaust, Garage Exhaust, Glass Drying, High Temperature Applications, HVAC, Jet Fuel Vapor Venting, Laser Engraving, Oil Mist, Ozone, Paper Trim Conduit, Pharmaceuticals, Pollution Control, Sheet Metal, Shipyards, Smoke Ejectors, Ultra Violet Dryers, Vapor Recovery Hose, Vehicle Exhaust Systems, Ventilation, Welding, Woodworking and Furniture Industries

Rubber-Cal, Inc.  
620 West Warner Ave  
Santa Ana, CA 92707  
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)	Max Recommended Positive Pressure (PSI)
3	.47	13	N/A	29	18
4	.64	15	N/A	29	15
5	.8	17	N/A	29	13
5.5	.85	19	N/A	29	12
6	.92	24	N/A	29	11
7	1.06	26	N/A	29	9.5
8	1.2	28	N/A	29	8.5
9	1.38	30	N/A	29	8
10	1.55	32	N/A	29	6
11	1.69	34	N/A	29	5.5
12	1.83	37	N/A	29	5

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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