

# Spiral-Lock (Alum FG) 1250

Specifications  
January 2013

**Construction:** Single-ply aluminum coated silver fiberglass fabric hose mechanically crimped in a continuous process.

**Product Features:**

- \* Fabric is locked around a coated steel wire by a metal strip formed into a clip
- \* Metal strip acts as a wearstrip
- \* Outstanding resistance to external abrasion
- \* Extremely flexible and easily compressible
- \* Ideal for vehicle exhaust applications
- \* Available with a polyurethane (PU-75 shore material) clip cover to protect the helix & the equipment that is not attached to the hose
- \* Not recommended for continuous flexing

**Application:** Fume.

**Temperature Range:** -65 F to 1050 F, Intermittent to 1250 F

**Sizes I.D. (inches):** 3, 4, 5, 6, 7, 8, 9, 10, and 12 Inch I.D. Custom sizes up to 18 inch ID available upon request.

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

**Standard Length:** 25 Feet

**Standard Colors:** Silver

**End Finish:** Plain Cut

**Markets:** Aircraft, Automotive, Brick Kilns, Chemical Plants, Diesel/Engine Exhaust, Exhaust Systems, Foundries, Fume Exhaust, Garage Exhaust, Heater, High Temperature Applications, Jet Fuel Vapor Venting, Paper Mills, Plastics Industry, Pollution Control, Rocket Support Duct, Tractor Pull Exhaust, Vapor Recovery Hose, Vehicle Exhaust Systems, Welding

Rubber-Cal, Inc.  
620 West Warner Ave  
Santa Ana, CA 92707  
800-370-9152  
[www.ducting.com](http://www.ducting.com)



# Spiral-Lock (Alum FG) 1250

Specifications

January 2013

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	0.4	2.5	6 to 1	4.1	11.11
4	0.5	3.0	6 to 1	3.2	5.86
5	0.6	3.5	6 to 1	3	4.7
6	0.7	4.0	6 to 1	2.8	3.93
7	0.8	5.0	6 to 1	2.7	3.8
8	0.9	5.5	8 to 1	2.5	3.67
9	1.0	6.3	8 to 1	2.3	3.2
10	1.15	7.0	8 to 1	2	2.94
12	1.25	8.5	8 to 1	1.5	2.46

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.  
620 West Warner Ave  
Santa Ana, CA 92707  
800-370-9152

[www.ducting.com](http://www.ducting.com)



**Ducting**  
.com