

# Aluminum Flex 400

Specifications

January 2013

**Construction:** Single-ply, helically corrugated aluminum alloy wall hose construction with a four-ply finished seam that is folded flat and crimped for tightness and strength.

## Product Features:

- \* Product is in stock for shipment within 24hours in 2, 3, 4, 5, 6, 7, 8, 9, 10, and 12 ID's and in 5ft. lengths
- \* Light weight & hand bendable allowing for elbows and turns to be formed easily during installation
- \* Self supporting construction allows for bends to stay in place
- \* Designed for extreme temperature applications
- \* Resists metal fatigue, weathering, and most corrosive fumes and chemicals
- \* Not recommended for continuous flexing
- \* Hose connectors available

**Applications:** Air, Fume.

**Temperature Range:** - 100 F to + 400 F

**Sizes I.D. (inches):** 2, 3, 4, 5, 6, 7, 8, 9, 10, and 12

**Wall Thickness:** 0.008 Inch

**ID Tolerances:** -0.00 to +0.250 Inch

**Standard Length:** 5 & 10 feet

5 foot sections in stock for same day shipping

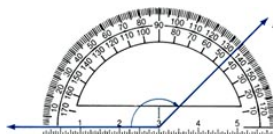
**Standard Colors:** Metallic silver

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

**Markets:** Chemical Fumes, Circuit Board Cooling, Exhaust Systems, HVAC, Oil Mist, Ozone, Pollution Control, Ventilation

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

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



**Ducting**  
.com

# Aluminum Flex 400

Specifications

January 2013

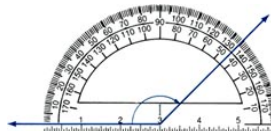
Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Min Centerline Bend Radius (Inches)	Compression Ratio	Max Recommended Negative Pressure (IN./HG)	Max Recommended Positive Pressure (PSI)
2	0.113	4	N/A	N/A	N/A
3	0.167	5.7	N/A	N/A	N/A
4	0.2	7.48	N/A	N/A	N/A
5	0.25	9.34	N/A	N/A	N/A
6	0.3	11.2	N/A	N/A	N/A
7	0.35	13.06	N/A	N/A	N/A
8	0.35	14.96	N/A	N/A	N/A
9	0.4	16.82	N/A	N/A	N/A
10	0.44	18.68	N/A	N/A	N/A
12	0.53	22.39	N/A	N/A	N/A

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