

# Pliaduct

Specifications

June 2007

**Construction:** 100% rigid self-supporting PVC material with a ribbon-lock construction.

**Product Features:**

- \* Diameter is adjustable by hand and can be reduced or expanded by approximately 25% of original I.D.
- \* Chemical resistant
- \* May be shaped and reshaped and spliced together without special tools
- \* Excellent for either temporary or permanent installation
- \* Manufactured with flame retardant materials

**Applications:** Recommended for industrial air movement and fume control applications.

**Temperature Range:** - 10 F to + 150 F

**Sizes I.D. (inches):** 2, 2.5, 3, 3.5, 4, 4.5, 5, 6, 8, 10, and 12 Inch I.D.

**ID Tolerances:** N/A

**Standard Length:** 25 Feet (2" to 6" ID), 10 Feet (8" to 12")

**Standard Colors:** Gray

**End Finish:** Plain Cut

**Markets:** Clean Rooms, Exhaust Systems, Fume Control, Pollution Control

Rubber-Cal, Inc.  
3012 S. Croddy Way,  
Santa Ana, CA 92704  
800-370-9152  
[www.ducting.com](http://www.ducting.com)



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Engineering & Technical Data  
June 2007

Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Size Outside Diameter (Inches)	Min Centerline Bend Radius (Inches)	Compression Ratio	Max Recommended Negative Pressure (IN./HG)	Max Recommended Positive Pressure (PSI)
2	0.3	2.25	5.5	N/A	6.617	2.5
2.5	0.4	2.75	6.3	N/A	6.617	2.5
3	0.5	3.25	7.5	N/A	6.617	2.5
3.5	0.51	3.75	8.3	N/A	6.617	2.5
4	0.7	4.25	9	N/A	6.617	2.5
4.5	0.8	4.75	9.8	N/A	6.617	2.5
5	0.9	5.25	11	N/A	5.882	2.5
6	1.1	6.25	12.5	N/A	4.411	2.5
8	1.52	8.25	17	N/A	3.676	2
10	1.75	10.25	22	N/A	2.205	2
12	2.2	12.25	27	N/A	2.205	2

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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