

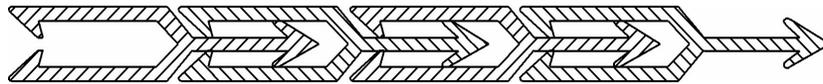


## ENGINEERING AND TECHNICAL DATA

Dayflex<sup>®</sup> Pliaduct<sup>®</sup>

March 2007

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



### **Product Features:**

- " Diameter is adjustable by hand & can be reduced or expanded by approximately 25% of original I.D.
- " Chemical resistant
- " May be shaped & reshaped & 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

**Diameter Range (Inches I.D.):** 2.00-12.00 Inch I.D.

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

**I.D. Tolerances (Inches):** N/A

**Standard Color:** Gray

**End Finish:** Plain Cut

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



A **SCHAUENBURG** HOSE TECHNOLOGY COMPANY

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SIZE INSIDE DIMENSION (INCHES)	APPROXIMATE WEIGHT (LBS./FT.)	SIZE OUTSIDE DIMENSION (INCHES)	MINIMUM CENTERLINE BEND RADIUS (INCHES)	COMPRESSION RATIO	MAXIMUM RECOMMENDED NEGATIVE PRESSURE (IN./HG.)	MAXIMUM RECOMMENDED POSITIVE PRESSURE (PSI)
2	.3	2.25	5.5	N/A	6.617	2.5
2.5	.4	2.75	6.3	N/A	6.617	2.5
3	.5	3.25	7.5	N/A	6.617	2.5
3.5	.51	3.75	8.3	N/A	6.617	2.5
4	.7	4.25	9	N/A	6.617	2.5
4.5	.8	4.75	9.8	N/A	6.617	2.5
5	.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 hose and/or duct manufactured by Flexaust 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 Flexaust products and we welcome comments and suggestions from our customers.



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