

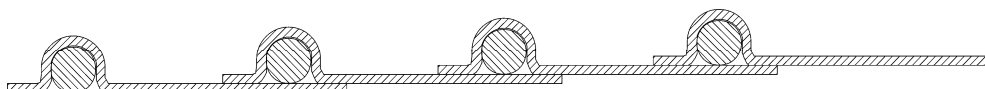


ENGINEERING AND TECHNICAL DATA

Flexadux® PV R-2

September 2009

Construction: Light weight PVC hose reinforced with a spring steel wire helix



Product Features:

- Great flexibility with tight bending characteristics
- Good chemical & moisture resistance
- Good compressibility
- Excellent choice for ventilation applications, dust & fume removal
- Blue is listed as UL 94V-0 flame retardant
- Clear is manufactured with FDA acceptable materials
- Wall Thickness = .020"
- Available in metric sizes, consult sales team on pricing & minimums

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

Temperature Range: 20°F to 160°F

Diameter Range (Inches I.D.): 1.25-18.00 Inch I.D., Custom to 24.00 Inch I.D.

Standard Length: 25 & 50 Feet

I.D. Tolerances (Inches): To 8 Inch: -0.00 to +0.125 Inch
8 Inch and over: -0.00 to +0.250 Inch

Standard Color: Blue and Clear

End Finish: Plain Cut

Markets: •Agricultural •Air Duct Cleaning •Chemical Fumes •Clean Rooms •Duct Cleaning •Flame Retardant •Flight Simulators •Food Grade •Furnace Duct Cleaning •Limo A/C Duct •Meat Packing •Pet Grooming Equipment •Pharmaceutical •Pipe Organs •Pollution Control •Printing •R.V. Manufacturing •Stereo Speakers •Textile Mills •Welding



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SIZE INSIDE DIMENSION (INCHES)	APPROXIMATE WEIGHT (LBS./FT.)	MINIMUM CENTERLINE BEND RADIUS (INCHES)	COMPRESSION RATIO	MAXIMUM RECOMMENDED NEGATIVE PRESSURE (IN./HG.)	MAXIMUM RECOMMENDED POSITIVE PRESSURE (PSI)
1.25	.14	1	2:1	29	27
1.5	.17	1.42	2:1	29	25
1.75	.19	1.75	2:1	29	21
2	.22	2.08	2:1	29	19
2.25	.24	2.17	2:1	29	17
2.5	.24	2.25	3:1	19	14
3	.29	2.5	3:1	11	12
4	.36	3.3	5:1	9	8
5	.45	3.86	5:1	4.7	6.5
6	.53	4.42	5:1	2.7	5.4
7	.56	5.42	6:1	2.8	3.9
8	.64	6.42	6:1	1.9	3.4
10	.797	7.21	6:1	1	2.7
12	.954	8	6:1	.6	2.3
14	1.111	9	6:1	.4	2
16	1.268	10	6:1	.3	1.7
18	1.65	11	6:1	.17	1.4

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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