

R-2 (Clear)

Specifications

June 2007

Construction: Medium weight clear PVC wall hose construction reinforced with a spring steel wire helix.

Product Features:

- * Great flexibility with tight bending characteristics
- * Good chemical and moisture resistance
- * Good compressibility
- * Excellent choice for ventilation applications, dust & fume removal
- * Manufactured with FDA acceptable materials
- * Available in Metric sizes

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

Temperature Range: 20 F to + 160 F

Sizes I.D. (inches): 1.25, 1.5, 1.75, 2, 2.25, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 22, & 24" I.D.

Size I.D. (Metric): 60, 80, 100, 120, 140, 150, 175, 200, 250, & 300mm

ID Tolerances: To 8 inch I.D.: -0.00 to + 0.125 Inch
8 inch and over: -0.00 to + 0.250 Inch

Wall Thickness: .020 Inch

Standard Length: 25 & 50 Feet

All non Metric ID sizes of R-2 Clear are available in 12.5ft., 25ft. and 50ft. coils.

Standard Colors: Clear

End Finish: Plain Cut

Markets: Agricultural, Air Duct Cleaning, Chemical Fumes, Clean Rooms, Duct Cleaning, 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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Engineering & Technical Data
June 2007

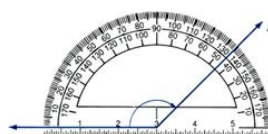
Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Min Centerline Bend Radius (Inches)	Compression Ratio	Max Recommended Negative Pressure (IN./HG)	Max Recommended Positive Pressure (PSI)
1.25	0.14	1	2 to 1	29	27
1.5	0.17	1.42	2 to 1	29	25
1.75	0.19	1.75	2 to 1	29	21
2	0.22	2.08	2 to 1	29	19
2.25	0.24	2.17	2 to 1	29	17
2.5	0.24	2.25	3 to 1	19	14
3	0.29	2.5	3 to 1	11	12
4	0.36	3.3	5 to 1	9	8
5	0.45	3.86	5 to 1	4.7	6.5
6	0.53	4.42	5 to 1	2.7	5.4
7	0.56	5.42	6 to 1	2.8	3.9
8	0.64	6.42	6 to 1	1.9	3.4
10	0.797	7.21	6 to 1	1	2.7
12	0.954	8	6 to 1	0.6	2.3
14	1.111	9	6 to 1	0.4	2
16	1.268	10	6 to 1	0.3	1.7

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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