

R-2 (Blue)

Specifications

April 2011

Construction: Medium weight blue 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
- Available in Metric sizes
- Listed as UL 94V-0 flame retardant

Applications: Air, Dust, Fume.

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, and 24.

Size I.D. (Metric): 60, 80, 100, 120, 140, 150, 175, 200, 250, & 300. Metric sizes are made to order.

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

Standard Colors: Blue

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, Pharmaceutical, Pipe Organs, Pollution Control, Printing, R.V. Manufacturing, Stereo Speakers, Textile Mills, Welding

Specifications and/or prices are subject to change without prior notice.
© 2011 Rubber-Cal all rights reserved.

Technical Data:

Size	Approximate	Min Centerline	Compression	Max Recommended	Max Recommended
Inside Diameter (Inches)	Weight Lbs./ft.	Bend Radius (Inches)	Ratio	Negative Pressure (IN./HG)	Positive Pressure (PSI)
1.25	0.15	1	2 to 1	29	30
1.5	0.19	1.42	2 to 1	25	25
1.75	0.2	1.75	2 to 1	22	20
2	0.22	2.08	2 to 1	18	15
2.25	0.24	2.17	2 to 1	15	13
2.5	0.25	2.25	3 to 1	12	12
3	0.3	2.5	3 to 1	8	8
4	0.38	3.3	5 to 1	5	7
5	0.48	3.86	5 to 1	3	5.5
6	0.63	4.42	5 to 1	2.5	4
7	0.75	5.42	6 to 1	1.7	3.5
8	0.86	6.42	6 to 1	1	3
10	0.95	7.21	6 to 1	0.75	2
12	1.01	8	6 to 1	0.5	1.5
14	1.2	9	6 to 1	0.3	1
16	1.45	10	6 to 1	0.15	0.5

* 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.

Pricing:

ID Size Inches	25 ft. +	100 ft. +	250 ft. +	500 ft. +
1	-	-	-	-
1.25	\$3.72	\$3.24	\$3.07	\$2.79
1.5	\$3.82	\$3.33	\$3.15	\$2.87
1.75	*	*	*	*
2	\$3.98	\$3.46	\$3.28	\$2.98
2.25	*	*	*	*
2.5	\$4.69	\$4.08	\$3.87	\$3.52
3	\$5.52	\$4.80	\$4.55	\$4.14
3.5	\$6.39	\$5.56	\$5.27	\$4.79
4	\$6.47	\$5.63	\$5.33	\$4.85
4.5	*	*	*	*
5	\$7.01	\$6.10	\$5.78	\$5.26
5.5	*	*	*	*
6	\$7.43	\$6.46	\$6.13	\$5.57
7	\$9.08	\$7.90	\$7.49	\$6.81
8	\$10.39	\$9.04	\$8.57	\$7.79
9	*	*	*	*
10	\$14.68	\$12.77	\$12.11	\$11.01
12	\$16.02	\$13.93	\$13.21	\$12.01
14	\$18.44	\$16.04	\$15.21	\$13.83
16	\$23.42	\$20.37	\$19.32	\$17.56
18	\$25.62	\$22.29	\$21.14	\$19.21
20	*	*	*	*
22	*	*	*	*
24	*	*	*	*

All prices quoted above are per linear foot and in USD\$.

Sold in 25 & 50 ft. sections.

(-) Indicates not available

(*) Consult sales team for prices & minimums