

# R-2 (Air Duct Cleaning)

## Specifications

April 2011

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

**Product Features:**

- Good for positive pressure applications
- Great compressibility
- Excellent flexibility with tight bending characteristics
- Resists weathering, chemicals, and moisture
- Good abrasion resistance

**Applications:** Air, Dust, Fume.

**Temperature Range:** -20°F to +160°F

**Sizes I.D. (inches):** 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, and 18.

**ID Tolerances:** To 8": -0.00 to +0.125 Inch  
8" and over: -0.00 to +0.250 Inch

**Wall Thickness:** 0.0135" (4 and 5"), 0.015" (6" & above)

**Standard Length:** 25 Feet

**Standard Colors:** Clear

**End Finish:** Plain Cut

**Markets:** Aerospace, Agricultural, Air Duct Cleaning, Chemical Fumes, Clean Rooms, Cold Air Supply, Confined Space Ventilation, Duct Cleaning, Flight Simulators, Food Grade, Furnace Duct Cleaning, Humidity Control, Limo A/C Duct, Meat Packing, Pharmaceutical, Pipe Organs, Pollution Control, Printing, R.V. Manufacturing, Stereo Speakers, Textile Mills, Welding

**Technical Data:**

| Size            | Approximate | Size             | Min Centerline | Compression | Max Recommended   | Max Recommended   |
|-----------------|-------------|------------------|----------------|-------------|-------------------|-------------------|
| Inside Diameter | Weight      | Outside Diameter | Bend Radius    | Ratio       | Negative Pressure | Positive Pressure |
| (Inches)        | Lbs./ft.    | (Inches)         | (Inches)       |             | (IN./HG)          | (PSI)             |
| 6               | 0.45        | 3.45             | 9 to 1         | 4.17        | 4.26              | 2.5               |
| 8               | 0.6         | 4.62             | 9 to 1         | 1.73        | 3.18              | 2.5               |
| 10              | 0.75        | 5.76             | 9 to 1         | 0.89        | 2.55              | 2.5               |
| 12              | 0.897       | 6.9              | 9 to 1         | 0.52        | 2.13              | 2.5               |
| 14              | 1.044       | 8.04             | 9 to 1         | 0.33        | 1.83              | 2.5               |

\* 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.

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### Pricing:

| ID Size Inches | 25 ft. + | 100 ft. + | 250 ft. + | 500 ft. + |
|----------------|----------|-----------|-----------|-----------|
| 1              | -        | -         | -         | -         |
| 1.25           | -        | -         | -         | -         |
| 1.5            | -        | -         | -         | -         |
| 1.75           | -        | -         | -         | -         |
| 2              | -        | -         | -         | -         |
| 2.25           | -        | -         | -         | -         |
| 2.5            | -        | -         | -         | -         |
| 3              | -        | -         | -         | -         |
| 3.5            | -        | -         | -         | -         |
| 4              | *        | *         | *         | *         |
| 4.5            | -        | -         | -         | -         |
| 5              | *        | *         | *         | *         |
| 5.5            | -        | -         | -         | -         |
| 6              | \$6.11   | \$5.32    | \$5.04    | \$4.58    |
| 7              | *        | *         | *         | *         |
| 8              | \$7.47   | \$6.50    | \$6.17    | \$5.61    |
| 9              | *        | *         | *         | *         |
| 10             | \$10.67  | \$9.28    | \$8.80    | \$8.00    |
| 12             | \$12.39  | \$10.78   | \$10.22   | \$9.29    |
| 14             | \$14.05  | \$12.22   | \$11.59   | \$10.53   |
| 16             | \$16.88  | \$14.69   | \$13.93   | \$12.66   |
| 18             | \$18.61  | \$16.19   | \$15.35   | \$13.96   |
| 20             | -        | -         | -         | -         |
| 22             | -        | -         | -         | -         |
| 24             | -        | -         | -         | -         |

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

Sold in 25 ft. sections.

( - ) Indicates not available

( \* ) Consult sales team for prices & minimums

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