

# PVC Flexduct Heavy Duty

Specifications

January 2013

**Construction:** Heavy weight PVC wall hose construction reinforced with a coated spring steel wire helix (sizes 14" I.D. and above not available with a coated wire.)

**Product Features:**

- \* Excellent internal and external abrasion resistance
- \* Good chemical & moisture resistance
- \* Excellent choice for ventilation applications, dust & fume removal
- \* Blue listed as UL 94V-0 flame retardant
- \* Clear is manufactured with FDA acceptable materials
- \* Available in Metric sizes

**Applications:** Abrasives, Materials.

**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:** .035" (1 1/4" to 3 1/2"), .045" (4" & above)

**Standard Length:** 25 & 50 Feet

**Standard Colors:** Blue or Clear

**End Finish:** Plain Cut

**Markets:** Abrasion Resistance, Aluminum Refractory, Chemical Fumes, Dust Collection, Flame Retardant, Food Grade, Granule Transport, Landfill Venting, Lawn & Leaf Collection, Meat Packing, Pharmaceutical, Powder & Bulk, Sand & Gravel, Suction, Shipyards, Shredders, Starch Transfer, Suction Hose, Textile Mills, Wave Pool Blowers, Welding, Woodworking/Furniture Industries

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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	0.3	1.4	2 to 1	29	30
1.5	0.36	1.5	2 to 1	29	30
2	0.46	2.42	2 to 1	29	30
2.5	0.54	2.84	2 to 1	29	30
3	0.65	3.25	2 to 1	29	20
4	0.91	4.42	2 to 1	29	20
5	1.13	5.53	2 to 1	16	17
6	1.36	6.63	2 to 1	8	15
7	1.58	7.17	2 to 1	5	13
8	1.8	7.7	2 to 1	3	11
10	2	9.92	2.5 to 1	3	8
12	2.4	12	2.5 to 1	2	7
14*	2.9	14	2.5 to 1	1.27	6
16*	3.3	16	2.5 to 1	0.7	5

\* Wire not coated.

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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