

# PVC Flexduct Light Duty Clear

Specifications  
January 2013

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

## Product Features:

- \* This hose is stocked in every (non-Metric) size up to 20" ID and can ship in 24hours.
- \* 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:** 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, & 24" I.D. [We stock this hose in every size up to 20" ID.](#)

**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

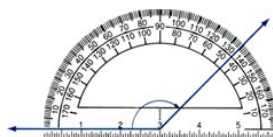
**Standard Length:** 25 & 50 Feet (Duct sizes above 14" ID are available in 25ft lengths only)  
[All non-Metric ID sizes of are available in 12.5ft., 25ft. and 50ft. coils.](#)

**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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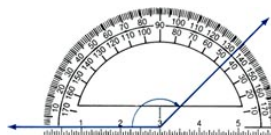
Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Min Centerline Bend Radius (Inches)	Compression Ratio	Max Recommended	
				Negative Pressure (IN./HG)	Positive Pressure (PSI)
1.25	0.14	1	2 to 1	29	27
1.5	0.17	1.42	2 to 1	29	25
1.75	0.19	1.75	2 to 1	29	21
2	0.22	2.08	2 to 1	29	19
2.25	0.24	2.17	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
18	1.65	11	6 to 1	0.17	1.4

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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