

# Poly Fabric Flex - 1 ply

Specifications

January 2013

**Construction:** Single-ply PVC vinyl coated polyester fabric hose reinforced with a spring steel wire helix & external PVC wearstrip.

## Product Features:

- \* Wearstrip offers additional external abrasion & drag resistance
- \* Low friction loss
- \* Great chemical & moisture resistance
- \* Listed as UL 94 V-0 flame retardant
- \* Other wearstrip colors available
- \* Available without a wearstrip for a more economical option
- \* Additional coatings available for better abrasion &/or chemical resistance
- \* Available in Metric sizes

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

**Temperature Range:** - 20 F to + 180 F

**Sizes I.D. (inches):** 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10 and 12 inch I.D.

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

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

**Standard Length:** 25 Feet (Metric lengths 200ft minimum)

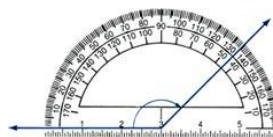
**Standard Colors:** Black with orange wearstrip

**End Finish:** Plain Cut (Cuffs available)

**Markets:** Agricultural, Auto Tellers, Cab Ventilation, Chemical Fumes, Flame Retardant, Flight Simulators, Fume Exhaust, HEPA, Hull Sanding Equipment, Landfill Venting, Oil Mist, Ozone, Paint Spray Extraction, Pharmaceutical, Pollution Control, Sheet Metal, Shipyards, Textile Mills, Ultra Violet Dryers, Welding

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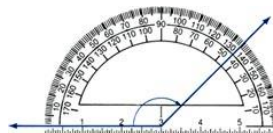
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Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Min Centerline Bend Radius (Inches)	Compression Ratio	Max Recommended Negative Pressure (IN./HG)	Max Recommended Positive Pressure (PSI)
3	0.5	3.5	2.5 to 1	29	26
4	0.65	4	2.5 to 1	24	13
5	0.75	4.5	2.5 to 1	17	11
6	0.85	5	4 to 1	16	6
7	1.1	6	4 to 1	12	5
8	1.25	7	4 to 1	9	4
10	1.57	8.6	4 to 1	4	3
12	1.88	10.3	4 to 1	3	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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