

# Poly Fabric Flex 2 ply

Specifications  
January 2013

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

## Product Features:

- \* Wearstrip offer additional external abrasion & drag resistance
- \* Great moisture, mildew, & chemical resistance
- \* Low friction loss
- \* Listed as UL 94 V-0 flame retardant
- \* Other wearstrip color available
- \* Available in a heavy duty bridge construction
- \* Additional coatings available for better abrasion &/or chemical resistance

**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.

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

**Standard Length:** 25 Feet

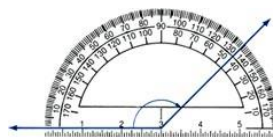
**Standard Colors:** Black with orange wearstrip

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

**Markets:** Abrasion Resistance, Duct Cleaning, Dust Collection, Flame Retardant, Foundry Sand Transfer, Fume Exhaust, Grinders, Industrial, Lav Waste Disposal, Lawn & Leaf Collection, Ozone, Sheet Metal, Shipyards, Straw Blowing, Woodworking/Furniture Industries

Rubber-Cal, Inc.  
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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                         | 2.8                                 | 8 to 1            | 29   | 13                                      |
| 4                             | 0.72                        | 3.7                                 | 8 to 1            | 24   | 10                                      |
| 5                             | 0.89                        | 4.7                                 | 8 to 1            | 13   | 8                                       |
| 6                             | 1.06                        | 5.3                                 | 8 to 1            | 7.3  | 7                                       |
| 7                             | 1.24                        | 6.5                                 | 8 to 1            | 5  | 6                                       |
| 8                             | 1.48                        | 6.9                                 | 8 to 1            | 7  | 4                                       |
| 10                            | 1.84                        | 8.6                                 | 8 to 1            | 3.7  | 3                                       |
| 12                            | 2.2                         | 10                                  | 8 to 1            | 2.2  | 2.6                                     |

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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