

# Neoprene Flex Metal Free

Specifications  
January 2013

**Construction:** Single-ply neoprene coated black polyester fabric hose reinforced with a spiral polyethylene rod helix.

**Product Features:**

- \* Completely non-metallic and non-magnetic.
- \* Non-metallic polyethylene rod helix eliminates sparking and resists corrosion & permanent deformation.
- \* Lightweight and flexible, easily ovalizes for installation in tight places.
- \* Efficient flow characteristics
- \* Good abrasion resistance

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

**Temperature Range:** - 40 F to + 160 F

**Sizes I.D. (inches):** 2.00 – 10.00 Inch I.D.

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

**Standard Length:** Made to order (300ft. minimums on any ID size)

**Standard Colors:** Black

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

**Markets:** Agricultural, Auto Tellers, Bus, Cab Ventilation, Dry Cleaning, Shipyards

Rubber-Cal, Inc.  
620 West Warner Ave  
Santa Ana, CA 92707  
800-370-9152  
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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)
2	0.14	1.61	3.5 to 1	29	30
4	0.22	3.25	6 to 1	29	18
6	0.41	5.5	4.3 to 1	17	7
8	0.55	6	3.4 to 1	7	5
10	0.91	8.12	3.4 to 1	3	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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