

# Urethane Flex Self Extinguishing

Specifications  
January 2013

**Construction:** Self-extinguishing medium weight polyurethane hose reinforced with a bronze coated spring steel wire helix.

**Product Features:**

- \* Halogen-free
- \* Good compressibility
- \* Great abrasion resistance & high tear strength
- \* Superior chemical resistance
- \* Excellent flexibility
- \* Designed for applications with wide temperature ranges
- \* Good low temperature flexibility
- \* Manufactured with flame retardant materials

**Applications:** Abrasives, Dust, Materials.

**Temperature Range:** - 65°F to 225°F

**Sizes I.D. (inches):** 2.00-12.00 Inch I.D., Custom to 24.00 Inch I.D.

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

**Wall Thickness:** .030 Inch

**Standard Length:** 25 & 50 Feet

**Standard Colors:** Clear

**End Finish:** Plain Cut

**Markets:** Abrasion Resistance, Agricultural, Flame Retardant, Grinders, Material Handling, Paper Trim, Conduit, Powder & Bulk, Shipyards, Straw Blowing, Welding.

Rubber-Cal, Inc.  
620 West Warner Ave  
Santa Ana, CA 92707  
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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	.25	2	3:1	29	30
2.5	.32	2.5	3:1	29	30
3	.4	3	3:1	29	29
4	.7	4	3:1	29	25
5	.9	5	3:1	17	22
6	1	6	3:1	15	19
8	1.5	8	3:1	9	14
10	1.6	8	3:1	4	11
12	2	10	3:1	2.2	10

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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