

# LG-CRFR

2:1 SHRINK RATIO, NEOPRENE, FLEXIBLE, FLAME RETARDENT, TUBING

## Applications

LG-CRFR is used for insulation, strain relief, and abrasion protection on cable harnesses and wire bundles in military and aerospace industries. Provides fluid and solvent resistance, including lubricating oil, aviation and ground-vehicle fuels and hydraulic fluids. Neoprene remains flexible at low temperatures

## Features

- ★ Shrink ratio: 50% or more in the radial direction
- ★ Operating temperature range: - 75°C to 120°C
- ★ Flammability: Mil-I-23053/1 Class 1 and Class 2
- ★ Minimum shrink temperature: 135°C

## Standard

- ★ MIL-DTL-23053/1 Class 1 and Class 2

## Specification Values

Properties		Test Methods	Values	
Physical	Unaged	Tensile strength	ASTM D 638	Min. 1.1kgf/mm <sup>2</sup>
		Elongation		Min. 250%
	Aged	Tensile strength	ASTM D 638 150°C/168hrs	Min. 0.85kgf/mm <sup>2</sup>
		Elongation		Min. 200%
	Density		ASTM D-792	Max.1.40g/cm <sup>2</sup> @23°C
	Heat shock		MIL-I-23053	Pass @200°Cx4hrs
Low temperature flex		MIL-I-23053	No crack @-75°C	
Electrical	Dielectric strength		ASTM D 876	Min. 300V / mil
	Volume resistivity		ASTM D 876	Min. 1x10 <sup>11</sup> Ω - cm
Chemical	Copper corrosion		MIL-I-23053 150°C/16hrs	No corrosion
	Fluid resistance		MIL-I-23053 23°C/24hrs	Min. 0.85kgf/mm <sup>2</sup>
	Tensile strength			Min. 200%
	Elongation			Min. 250V/mil
	Dielectric strength			Pass
Flammability		MIL-I-23053	Pass	

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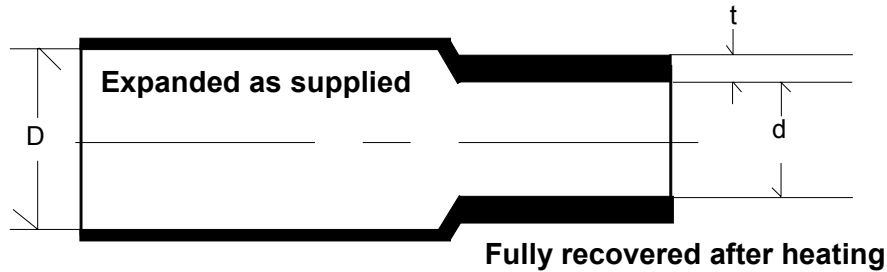
**Dunbar Associates**

Your Stocking Partner for Quality Components

P.O. Box 671161, Dallas, Texas 75367-1161  
Tel: (972) 241-0300  
Fax: (972) 241-0315

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## Product Dimensions

Minimum Shrink Temperature: 135°C

Size	Expanded		Recovered				Standard Spool Length
	Internal Diameter (Minimum) (D)		Internal Diameter (Maximum) (d)		Minimum Total Wall Thickness (t)		
Inch Size	In.	mm	In.	mm	In.	mm	Ft.
1/8"	0.125	3.2	0.062	1.57	0.028	0.70	500
3/16"	0.188	4.8	0.093	2.36	0.030	0.75	250
1/4"	0.251	6.4	0.125	3.18	0.031	0.80	250
3/8"	0.378	9.6	0.187	4.75	0.035	0.90	200
1/2"	0.500	12.7	0.250	6.35	0.041	1.05	200
3/4"	0.752	19.1	0.375	9.53	0.057	1.45	100
1"	1.00	25.4	0.500	12.7	0.067	1.70	100
1-1/4"	1.25	31.8	0.626	15.9	0.087	2.20	100
1-1/2"	1.5	38.1	0.751	19.1	0.096	2.45	100
2"	2.0	50.8	1.0	25.4	0.112	2.85	100
3"	3.0	76.2	1.5	38.1	0.126	3.20	100

Standard Color: Black

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