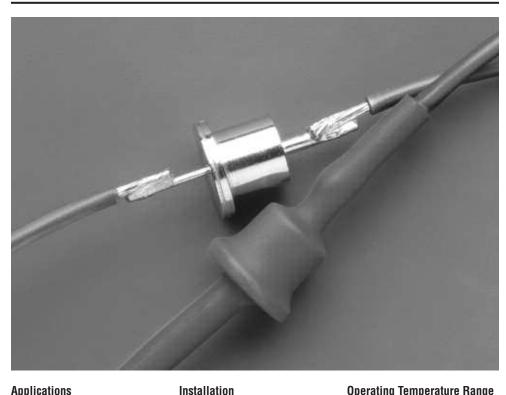


# **RNF-3000**

Flexible, High-Shrink-Ratio, Flame-Retardant, General Purpose, **Polyolefin Tubing** 

## **Product Facts**

- 3:1 shrink ratio easily accommodates awkward, irregular shapes
- Few sizes cover a wide range of diameters, allowing reduced inventory
- Excellent physical, chemical, and electrical properties meet industry standards for highly reliable, general purpose tubing
- Flame-retardant (colors only)
- RoHS compliant



#### **Applications**

Used for insulation and strain relief of wire terminations and electrical connections. Also suitable for light-duty harnessing, jacketing, and identification of wires, cables, and electrical and electronic components.

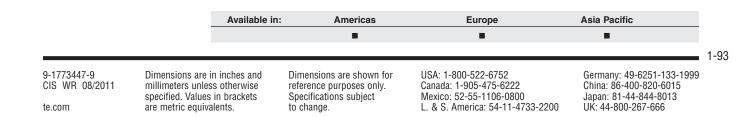
Minimum shrink temperature: 80°C [176°F] Minimum full recovery temperature: 120°C [248°F]

#### **Operating Temperature Range**

-55°C to 135°C [-67°F to 275°F]

#### **Specifications/Approvals**

Series	ul <b>¶N</b> °	CSA	Military	Industry	Raychem
RNF-3000	E35586 600 V, 125°C	LR31929 600 V, 125°C	Def. Stan. 59-97 Type 2B VG 95343 Pt 5 Type A (color) VG 95343 Pt 5 Type B (clear)	VDE 0341 Pt 9005 Type A and B	RW-2053





# RNF-3000 (Continued)

#### **Product Dimensions**

	Inside I	Recovered Wall Thickness'		
Size	Minimum Expanded as Supplied	Maximum Recovered After Heating	After Heating	
1.5/0.5	1.5 [0.060]	0.5 [0.019]	0.45 ± 0.10 [0.018 ± 0.003]	
3/1	3 [0.118]	1 [0.039]	0.55 ± 0.10 [0.022 ± 0.003]	
4.5/1.5	4.5 [0.177]	1.5 [0.059]	0.55 ± 0.10 [0.022 ± 0.003]	
6/2	6 [0.236]	2 [0.079]	0.65 ± 0.10 [0.026 ± 0.003]	
9/3	9 [0.354]	3 [0.118]	0.75 ± 0.12 [0.030 ± 0.004]	
12/4	12 [0.472]	4 [0.157]	0.75 ± 0.12 [0.030 ± 0.004]	
18/6	18 [0.709]	6 [0.236]	0.85 ± 0.12 [0.033 ± 0.004]	
24/8	24 [0.944]	8 [0.315]	1.00 ± 0.18 [0.039 ± 0.007]	
39/13	39 [1.534]	13 [0.512]	1.15 ± 0.20 [0.045 ± 0.008]	

\*Wall thickness will be less if tubing recovery is restricted during shrinkage.

### **Ordering Information**

Color	Standard**	Black (-0), white (-9), red (-2), blue (-6), yellow (-4), clear (-X)
	Nonstandard	Brown (-1), orange (-3), green (-5), violet (-7), gray (-8)
Size selection	Always order the largest size that will shrink snugly over the component to be covered. Special order sizes are available upon request.	
Standard packaging***	On spools or in 1.2-meter [4-foot] lengths.	
Ordering description****	Specify product na	ame, size and color (for example, RNF-3000 6/2-0).

\*\*Black is the only standard color in the Americas. All other colors are nonstandard. \*\*\*Only spools are standard in the Americas. 1.2 meter [4-foot] lengths are nonstandard. \*\*\*\*Europe only. For supply to Def Stan and BS add -DS or -BS to ordering description.

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9-1773447-9 CIS WR 08/2011 te.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-475-6222 Mexico: 52-55-1106-0800 L. & S. America: 54-11-4733-2200 Germany: 49-6251-133-1999 China: 86-400-820-6015 Japan: 81-44-844-8013 UK: 44-800-267-666

# **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity: RNF-3000-18/6-0-SP