RNF-3000

Flexible, high-shrink-ratio, flame retardant, general purpose polyolefin tubing
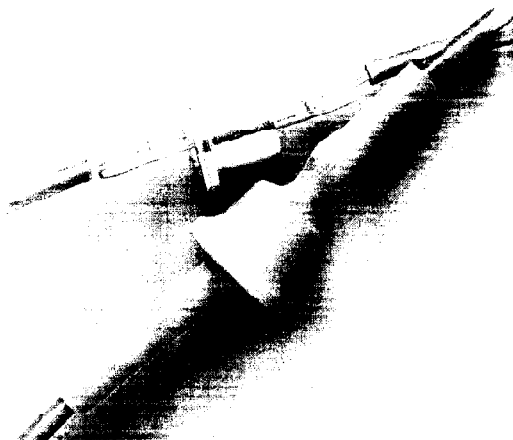
Applications
Used for insulation and strain relief of wire terminations and electrical connections. Also ideal for light-duty harnessing, jacketing, and identification of wires, cables, and electrical and electronic components.

Operating Temperature Range
–55°C to 135°C

Features/Benefits
• 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).

Installation
Minimum shrink temperature: 80°C
Minimum full recovery temperature: 120°C

Specifications/Approvals

Series	UL	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

Product Dimensions (mm/in)

	Inside diameter		Wall thickness
Size	Minimum expanded as supplied	Maximum recovered after heating	Recovered after heating*
1.5/0.5	1.5 *(.060)*	0.5 *(.019)*	0.45 ±.10 *(.018 ±.003)*
3/1	3 *(.118)*	1 *(.039)*	0.55 ±.10 *(.022 ±.003)*
6/2	6 *(.236)*	2 *(.079)*	0.65 ±.10 *(.026 ±.003)*
9/3	9 *(.354)*	3 *(.118)*	0.75 ±.12 *(.030 ±.004)*
12/4	12 *(.472)*	4 *(.157)*	0.75 ±.12 *(.030 ±.004)*
18/6	18 *(.709)*	6 *(.236)*	0.85 ±.12 *(.033 ±.004)*
24/8	24 *(.944)*	8 *(.315)*	1.00 ±.18 *(.039 ±.007)*
39/13	39 *(1.534)*	13 *(.512)*	1.15 ±.20 *(.045 ±.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), green (-5), brown (-1), orange (-3), violet (-7), gray (-8), clear (-X)
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 name, size, and color (for example, RNF-3000 6/2-0).

Users should independently evaluate the suitability of the product for their application.