

RNF-3000

Premium grade 3:1, flexible, flame retarded, Polyolefin heat-shrinkable tubing

Applications

High shrink ratio tubing with superior mechanical (abrasion, cut-through, strain relief), thermal, and fluid-resistance performance. Used extensively in military applications, for lightweight harness jackets, insulation, identification, colour-coding, protection against fluids and mechanical strength, making it suitable for a wide range of applications.

Features & Benefits

- Outstanding balance of performance properties
- Excellent mechanical & electrical properties
- Excellent chemical & solvent resistance
- Wide coverage from a few product sizes
- 3:1 shrink ratio

Operating Temperature

- -55°C to +135°C

Installation

- Minimum shrink temperature +80°C
- Minimum full recovery +120°C

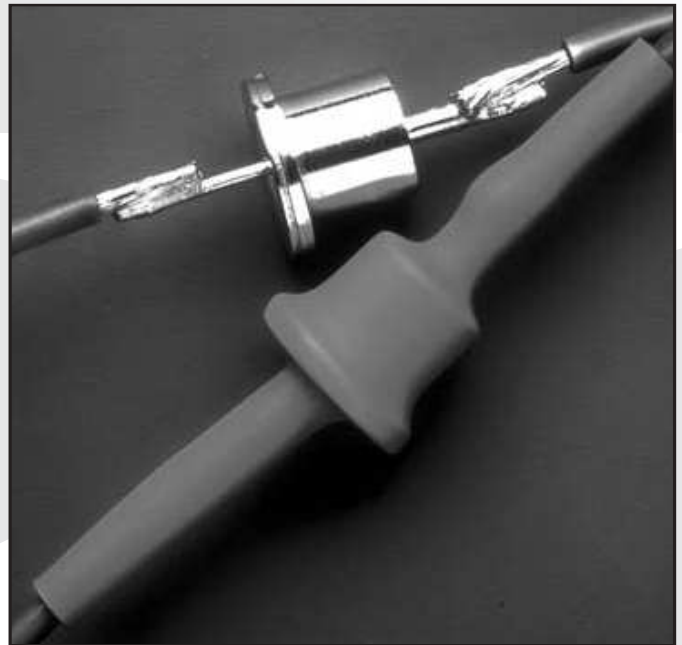
Dimensions (all dimensions are in mm's)

Inside Diameter		Wall Thickness	Standard Packaging & Ordering Description		
As Supplied (min)	After Heating (max)	Wall Recovery (nom)	1.2m Pack Size (STK)	Spool Pack Size (SP)	Ordering Description
1.5	0.5	0.45	60m	300m	RNF-3000-1.5/0.5-Colour
3.0	1.0	0.55	60m	150m	RNF-3000-3/1-Colour
6.0	2.0	0.65	60m	75m	RNF-3000-6/2-Colour
9.0	3.0	0.75	30m	75m	RNF-3000-9/3-Colour
12.0	4.0	0.75	30m	75m	RNF-3000-12/4-Colour
18.0	6.0	0.85	30m	75m	RNF-3000-18/6-Colour
24.0	8.0	1.00	30m	30m	RNF-3000-24/8-Colour
39.0	13.0	1.15	12m	30m	RNF-3000-39/13-Colour

Note: Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

- Preferred colours: 0 = (Black), 2 = (Red), 4 = (Yellow), 5 = (Green), 6 = (Blue), 9 = (White), X = (Clear).
 Non preferred colours: 1 = (Brown), 3 = (Orange), 7 = (Violet), 8 = (Grey).
 Size selection: The largest size that will recover snugly over the component(s).
 Standard packaging: 1.2m lengths (STK) and Spools (SP).
 Ordering description: Specify product, size and colour; e.g. **RNF-3000-24/8-0** (0=Black).
Ordering Example: 75m of 6mm supplied inside diameter tubing = **RNF-3000-6/2-6-SP** (6=Blue).
 30m of 6mm recovered inside diameter tubing = **RNF-100-18/6-0-STK** (0=Black).



Specifications/Approvals

- Def Stan 59-97 Type 2B
- AMS-DTL-23053/5 Class 1 & 2
- VG 95343 Part 5 Type A & B
- UL-E35586 600V, +125°C
- CSA-LR31929 600V, +125°C
- VDE-0341 Part 9005 Type A & B
- RW-2053