

TUBING

RNF-3000

Premium grade 3:1 flexible, flame retardant 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.

Features & Benefits

- Outstanding balance of properties
- Excellent mechanical & electrical properties
- Excellent chemical & solvent resistance
- Wide coverage from a few product sizes due to 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)

Inside Diameter		Wall Thickness	Pack Size		Description
As Supplied (min)	After Heating (max)	Wall Recovery (nom)	1.2m Lengths (STK)	Spools (SP)	
1.5	0.5	0.45	60m	600m	RNF-3000-1.5/0.5-Colour
3.0	1.0	0.55	60m	300m	RNF-3000-3/1-Colour
6.0	2.0	0.65	60m	150m	RNF-3000-6/2-Colour
9.0	3.0	0.75	30m	150m	RNF-3000-9/3-Colour
12.0	4.0	0.75	30m	150m	RNF-3000-12/4-Colour
18.0	6.0	0.85	30m	150m	RNF-3000-18/6-Colour
24.0	8.0	1.00	30m	60m	RNF-3000-24/8-Colour
39.0	13.0	1.15	12m	60m	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 name, size, colour and packaging: e.g. RNF-3000-24/8-0-STK.
Ordering Example: 6mm supplied inside diameter tubing in blue, supplied on spools = RNF-3000-6/2-6-SP.



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 (colours only)
- CSA-LR31929 600V, +125°C (colours only)
- VDE-0341 Part 9005 Type A & B
- RW-2053
- BS 4G 198-3 Type 11B

