



RNF-100

Premium grade, flexible, flame retarded, Polyolefin 2:1 heat-shrinkable tubing

Applications

Designed to provide 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. The unique blend of properties makes it suitable for a wide range of demanding military and commercial applications.

Features & Benefits

- Excellent balance of performance properties
- Excellent mechanical & electrical properties
- Excellent chemical & solvent resistance
- 2:1 shrink ratio

Operating Temperature

- -55°C to +135°C

Installation

- Minimum shrink temperature +95°C
- Minimum full recovery +121°C

Specifications/Approvals

- Def Stan 59-97 Type 2B
- AMS-DTL-23053/5 Class 1 & 2
- VG 95343 Part 5 Type B
- UL-E35586 600V, +125°C
- CSA-LR31929 600V, +125°C
- RT-350 Type 1 & 2, RK-600I

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
1.2	0.6	0.40	60m	300m	RNF-100-3/64-Colour
1.6	0.8	0.43	60m	300m	RNF-100-1/16-Colour
2.4	1.2	0.51	60m	300m	RNF-100-3/32-Colour
3.2	1.6	0.51	60m	150m	RNF-100-1/8-Colour
4.8	2.4	0.51	60m	150m	RNF-100-3/16-Colour
6.4	3.2	0.64	30m	150m	RNF-100-1/4-Colour
9.5	4.8	0.64	30m	75m	RNF-100-3/8-Colour
12.7	6.4	0.64	30m	75m	RNF-100-1/2-Colour
19.0	9.5	0.76	30m	75m	RNF-100-3/4-Colour
25.4	12.7	0.89	30m	75m	RNF-100-1-Colour
38.0	19.0	1.02	12m	30m	RNF-100-1-1/2-Colour
51.0	25.4	1.14	12m	30m	RNF-100-2-Colour
76.0	38.0	1.27	12m	30m	RNF-100-3-Colour
102.0	51.0	1.40	12m	30m	RNF-100-4-Colour

Note: Wall thickness will be less if tubing recovery is restricted during shrinkage, larger sizes are also available.

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), Spools (SP), Flat spools (FSP) are available subject to an MOQ.
 Ordering description: Specify product, size and colour; e.g. **RNF-100-1/2-0** (0=Black).
Ordering Example: 150m of 6.4mm inside diameter tubing = **RNF-100-1/4-6-SP** (6=Blue).
 30m of 38mm supplied inside diameter tubing = **RNF-100-1 1/2-SP** (2=Red).