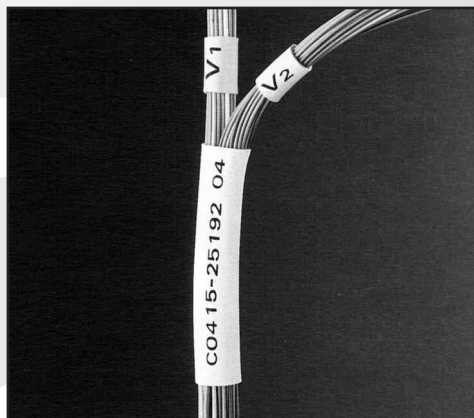


## RNF-100

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



### Specifications/Approvals

- Def Stan 59-97 Type 2B
- AMS-DTL-23053/5 Class 1 & 2
- VG 95343 Part 5 Type B (clear), Type A (colours)
- UL-E35586 600V, +125°C (colours only)
- CSA-LR31929 600V, +125°C (colours only)
- RT-350 Type 1 & 2, RK-6001
- BS 4G 198-3 Type 11B
- VDE-0341 Part 9005 Type A & B

### 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)	
1.2	0.6	0.40	60m	600m	RNF-100-3/64-Colour
1.6	0.8	0.43	60m	600m	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	300m	RNF-100-1/8-Colour
4.8	2.4	0.51	60m	300m	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	150m	RNF-100-3/8-Colour
12.7	6.4	0.64	30m	150m	RNF-100-1/2-Colour
19.0	9.5	0.76	30m	150m	RNF-100-3/4-Colour
25.4	12.7	0.89	30m	60m	RNF-100-1-Colour
38.0	19.0	1.02	12m	60m	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	15m	RNF-100-3-Colour
102.0	51.0	1.40	12m	15m	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).

Ordering description:

Specify product name, size, colour and packaging: e.g. RNF-100-1/2-0-SP.

Ordering Example:

6.4mm inside diameter tubing in blue, supplied on spools = RNF-100-1/4-6-SP.

### 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 and protection. 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

