

RNF-3000

Superior grade, 3:1 flame retardant polyolefin



RNF-3000 is a specially formulated tubing which offers a shrink ratio of 3:1. The higher expansion ratio is designed for use when wide ranging substrate diameters need to be covered. RNF-3000 also allows a smaller number of sizes to be stocked for a wider range of applications.

Features & Benefits

- Flame retardant.
- Extremely flexible.
- Excellent electrical, chemical and physical properties
- 3:1 shrink ratio.
- Easy to install.
- Available in a wide range of colours, all flame retarded except clear.

Applications

- Electrical insulation.
- Strain relief.
- Protection against abrasion and chemicals.
- Wire bundling and splice protection.
- Identification of wires and cables.
- Military and defense harnesses.

| General Information | |
|--------------------------|---|
| Material | Polyolefin |
| Shrink Ratio | 3:1 |
| Operating temperature | -40°C to 135°C |
| Dielectric Strength | 20 KV/mm |
| Installation Temperature | 80°C to 120°C |
| Specifications | UL E35586 CSA LR31929 Def Stan 59-97 Type 2b VDE 0341 Pt 9005 Type A VG95343 Pt5 Type A RoHS Compliant |



Available Colours - standard top row, non-standard bottom row. Clear is not flame retarded.

| | | | | | |
|--------|-------|--------|------|--------|-------|
| BLACK | RED | YELLOW | BLUE | WHITE | CLEAR |
| ORANGE | BROWN | GREEN | GREY | VIOLET | G |

| Ordering Description | Minimum Supplied ID (mm) | Maximum Recovered ID (mm) | Recovered Wall Thickness (mm) |
|----------------------|--------------------------|---------------------------|-------------------------------|
| RNF-3000-1.5/0.5 | 1.50 | 0.50 | 0.45 |
| RNF-3000-3/1 | 3.0 | 1.0 | 0.55 |
| RNF-3000-4.5/1.5 | 4.5 | 1.5 | 0.55 |
| RNF-3000-6/2 | 6.0 | 2.0 | 0.65 |
| RNF-3000-9/3 | 9.0 | 3.0 | 0.75 |
| RNF-3000-12/4 | 12.0 | 4.0 | 0.75 |
| RNF-3000-18/6 | 18.0 | 6.0 | 0.85 |
| RNF-3000-24/8 | 24.0 | 8.0 | 1.00 |
| RNF-3000-39/13 | 39.0 | 13.0 | 1.15 |

Packaging options – Spools, coils, mini boxes, 1.2m lengths and bespoke cut pieces

Full details on technical specifications, test methods and values are available on request.

