



Product Highlights

- Operating temperature from -50°C to +150°C (-58°F to +302°F)
- Intumescence onset temperature of +230°C (+446°F)
- BMS 13-82 Revision C
- Fire protection of wire harnesses
- Halogen-free
- Ideal for reworking components without disconnecting them

ROUNDIT® Therm-C is a woven sleeve coated with an intumescent coating designed to protect wire harnesses from the effects of thermal environments in excess of +230°C.

The construction of ROUNDIT Therm-C ensures excellent fire protection of wire harnesses according to the BMS 13-82 Revision C specification.

The self-wrapping design allows for quick and easy installation and removal of the product for assembly and maintenance. This design also provides ease of removal when inspection of wiring is necessary.

ROUNDIT Therm-C is available in a range of sizes to accommodate a variety of cables and wire diameters and can be secured using silicone self-adhering tapes.

ROUNDIT Therm-C is primarily used in the aircraft industry.



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

Performance Data – ROUNDIT® Therm-C

| Property | Test Method | Result |
|--------------------------------|-----------------------------------|-----------------------------------|
| Operating temperature range | BMS 13-82C Sections 8.5 and 8.3.3 | -50°C to +150°C (-58°F to +302°F) |
| Flammability | BSS 7230 Category F1 | Pass |
| Intumescence onset temperature | BMS 13-82C Section 8.7 | +230°C ± 20 (+446°F +/- 68) |
| Arc tracking resistance | BMS13-82C Section 8.6 | CTI ≥ 350VRMS |
| Insulation resistance | BMS13-82C Section 8.8 | > 2 x 10 ⁸ Ω |

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

Product Specifications

| Commercial Part Number | Nominal Inside Diameter mm (in) | Thickness mm (in) | | Maximum Weight g/m (lbs/ft) | Standard Packaging m (ft) |
|------------------------|---------------------------------|-------------------|-------------|-----------------------------|---------------------------|
| | | Min Ø | Max Ø | | |
| ROUNDIT Therm-C 5-9 | 5 (0.19") | 0.76 (0.030) | 1.5 (0.060) | 42 (0.028) | 100 (328') |
| ROUNDIT Therm-C 8-9 | 8 (0.31") | 0.76 (0.030) | 1.5 (0.060) | 51 (0.034) | 50 (164') |
| ROUNDIT Therm-C 13-9 | 13 (0.50") | 0.76 (0.030) | 1.5 (0.060) | 77 (0.052) | 25 (82') |
| ROUNDIT Therm-C 19-9 | 19 (0.75") | 0.76 (0.030) | 1.5 (0.060) | 89 (0.060) | 25 (82') |
| ROUNDIT Therm-C 32-9 | 32 (1.25") | 0.76 (0.030) | 1.5 (0.060) | 152 (0.102) | 25 (82') |

Part Numbering System

| Example | Product Name | Size | Color | Quantity |
|---------|-----------------|------|-------------|----------|
| | ROUNDIT Therm-C | 13 | 9 (natural) | 25 m |

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EMEA: (33) 3 44 39 06 06 • Japan: (81) 45 330 0300 • China: (86) 21 6182 7560

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