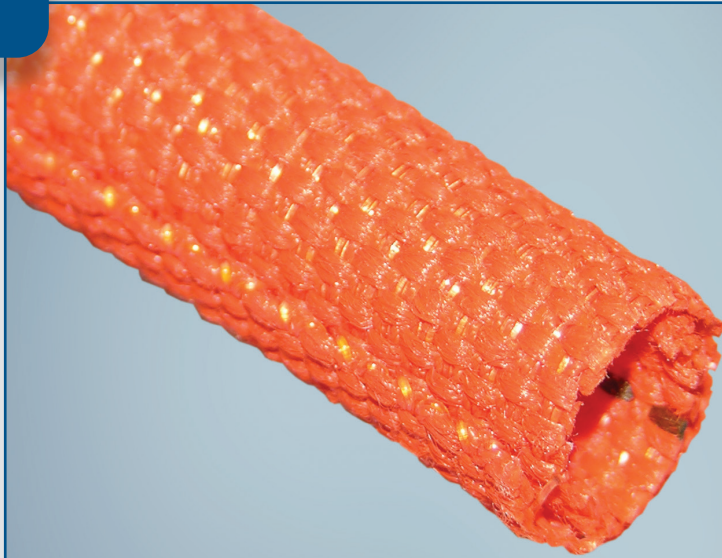


Product Highlights

- Operating temperature from -60°C to +200°C (-76°F to +392°F)
- ASD EN 6049-006
- Excellent cut-through and abrasion resistance
- Self-wrapping design
- Ideal for reworking components without disconnecting them
- Lightweight construction
- Tracer indicating the maximum operating diameter
- Aesthetic solution
- Water repellent



ROUNDIT® 2000 NX Orange is a self-wrapping sleeve manufactured from PPS monofilaments and Nomex® with a water repellent treatment, designed for mechanical protection and maintenance of wire and cable bundles. Its construction with 100% covering ratio provides excellent cut-through and abrasion resistance.

ROUNDIT 2000 NX in orange is designed to identify wire harnesses connected with test equipment taken on-board airplanes.

The self-wrapping feature allows for quick and easy installation and removal of the product for assembly and maintenance. ROUNDIT 2000 NX Orange also accommodates breakouts.

ROUNDIT 2000 NX has many applications in the aeronautical and military industries.



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



As an added benefit, the patented ROUNDIT® Tool will help improve installation time and is designed to install ROUNDIT® products on cable and wire configurations.

Nomex is a registered trademark of E.I. DuPont de Nemours.

Performance Data – ROUNDIT® 2000 NX Orange

| Property | Test Method | Result | |
|-----------------------|---|-----------------------------------|-----------------|
| PHYSICAL | | | |
| Operating Temperature | | -60°C to +200°C (-76°F to +392°F) | |
| Flammability | F.A.R. Part 25 (60 s) F.A.R. Part 25 (12 s) | Pass Pass | |
| Smoke Density | ASTM E-662 (flaming) prEN 2825B (non-flaming) | Pass | |
| Toxicity | BSS7239 + prEN 2826B | Pass | |
| Water Repellency | EN 6059 Part 305 | Pass | |
| MECHANICAL | | | |
| Abrasion resistance | EN 6059 Part 403 | Pass | |
| Dynamic cut-through | EN 6059 Part 405 | Pass | |
| Vibration | DO 160B | No damage to cable | |
| CHEMICAL | | | |
| Fluid Resistance | EN 6059 Part 303 | BMS 13-81 § 8.2 | |
| Fuel | JP5 Jet A, ASTM D1655 | ✓ ✓ | Good resistance |
| Hydraulic Fluid | Skydrol MIL-PRF-5606 MIL-PRF-87257 | ✓ ✓ ✓ | Good resistance |
| Methyl Propyl Ketone | BMS11-9, Grade 1 | ✓ | Good resistance |
| Isopropyl Alcohol | TT-I-735 | ✓ | Good resistance |
| Synthetic Lubricant | MIL-PRF-23699 | ✓ | Good resistance |
| Mineral Lubricant | MIL-L-7870A | ✓ | Good resistance |
| De-Icing Fluid | MIL-A-8243D | ✓ | Good resistance |
| Cleaning Products | MIL-C-87937, Type 1 Alkaline Detergent (pH 10.0 - 10.5) | ✓ ✓ | Good resistance |
| Mold Growth | EN 6059 Part 306 | | Pass |

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 | Recommended Application Range mm (in) | | Max Weight g/m (lbs/ft) | Standard Packaging m (ft) |
|------------------------|---------------------------------------|-------------|-------------------------|---------------------------|
| | Min Ø | Max Ø | | |
| ROUNDIT 2000 NX 5-3 | 1 (1/32") | 5 (3/16") | 13 (0.009) | 150 (492') |
| ROUNDIT 2000 NX 8-3 | 5 (3/16") | 8 (5/16") | 18 (0.012) | 100 (328') |
| ROUNDIT 2000 NX 13-3 | 8 (5/16") | 13 (1/2") | 26 (0.017) | 50 (164') |
| ROUNDIT 2000 NX 19-3 | 16 (5/8") | 19 (3/4") | 38 (0.026) | 25 (82') |
| ROUNDIT 2000 NX 25-3 | 19 (3/4") | 25 (1") | 47 (0.032) | 25 (82') |
| ROUNDIT 2000 NX 32-3 | 25 (1") | 32 (1-1/4") | 65 (0.044) | 25 (82') |
| ROUNDIT 2000 NX 40-3 | 32 (1-1/4") | 40 (1-1/2") | 90 (0.060) | 25 (82') |

Nominal size is determined by wrapping product around a mandrel of a given size to obtain an overlap of between 45 and 135.

Part Numbering System

| Example | Product Name | Size | Color | Quantity |
|---------|-----------------|------|------------|----------|
| | ROUNDIT 2000 NX | 5 | 3 (orange) | 150m |

United States: (1) 800 926 2472 • México: (52) 442 101 8100 • Brazil: (55) 19 3116 1600

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

Southeast Asia: (66) 35 276 400 • Korea: (82) 44 861 6368 • India: (91) 124 4784565

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