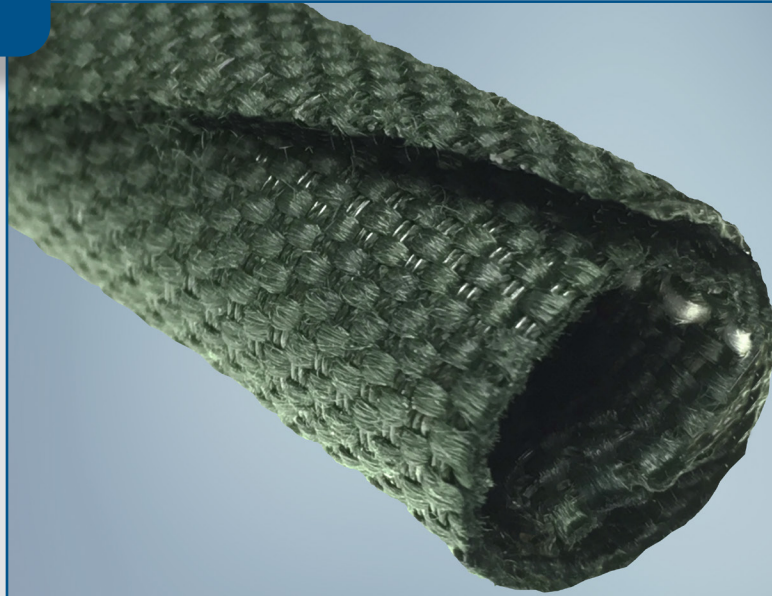


Product Highlights

- Operating temperature from -60°C to +200°C (-76°F to +392°F)
- ASD EN 6049-006
- BMS 13-81 Type 1
- DMS2379 Class 4, Type 4
- FAR Part 25
- Halogen-free
- Self-wrapping design
- Easy to apply and remove
- Ideal for reworking components without disconnecting them
- Tough fabric texture
- Water repellent



ROUNDIT® 2000 NX is a woven combination of Nomex® and PPS (polyphenylene sulfide). The Nomex®/PPS blend in a flat weave construction gives ROUNDIT 2000 NX a rugged yet smooth texture and appearance for high temperature bundling and abrasion resistance. This product is rated to +200°C (+392°F) and is non-halogenated.

ROUNDIT 2000 NX is ideal for commercial and defense aircraft applications due to its excellent abrasion resistance and halogen-free qualities.

ROUNDIT® products are tough, lightweight oversleeves used to bundle and protect cable assemblies, hoses and wire harnesses from chafing, cutting and abrading. The self-wrapping feature of ROUNDIT products allows for quick and easy application and removal of the product for assembly and maintenance. The product may also be applied or removed without disturbing connectors or fittings.

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



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.



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

Performance Data – ROUNDIT® 2000 NX

| Property | Test Method | | Result | |
|-------------------------|---|------------------------|---------------------------------|-----------------|
| PHYSICAL | | | | |
| Operating Temperature | | | -60°C (-76°F) to +200°C (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 | |
| 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 5-5 | 1 (1/32") | 5 (3/16") | 13 (0.009) | 150 (492') |
| ROUNDIT 2000 NX 8-5 | 5 (3/16") | 8 (5/16") | 18 (0.012) | 100 (328') |
| ROUNDIT 2000 NX 13-5 | 8 (5/16") | 13 (1/2") | 26 (0.017) | 50 (164') |
| ROUNDIT 2000 NX 16-5 | 13 (1/2") | 16 (5/8") | 33 (0.022) | 25 (82') |
| ROUNDIT 2000 NX 19-5 | 16 (5/8") | 19 (3/4") | 38 (0.026) | 25 (82') |
| ROUNDIT 2000 NX 25-5 | 19 (3/4") | 25 (1") | 47 (0.032) | 25 (82') |
| ROUNDIT 2000 NX 32-5 | 25 (1") | 32 (1-1/4") | 65 (0.044) | 25 (82') |
| ROUNDIT 2000 NX 40-5 | 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 | 5 (green) | 150m |



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