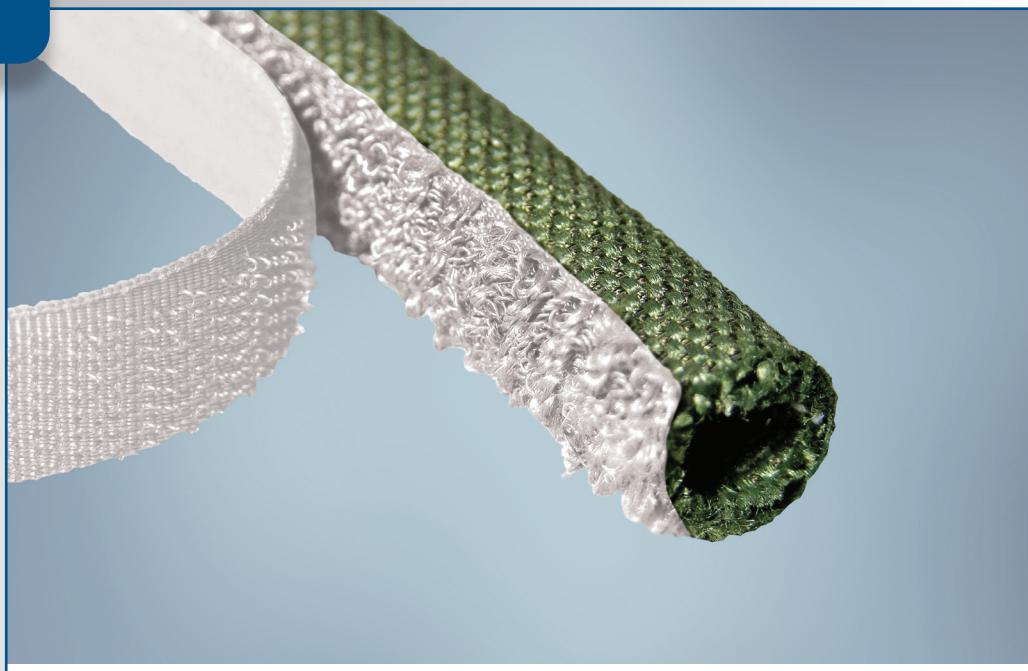
# ROUNDIT® 2000 NX GRIP

ABRASION



## Product Highlights

- Operating Temperatures: -60°C to +200°C (-76°F to +392°F)
- Excellent cut-through and abrasion resistance
- Lightweight construction
- FAR Part 25.853
- Halogen-free
- Self-wrapping design
- Built-in attachment mechanism
- Easy to apply and remove
- Ideal for reworking components without disconnecting them
- Reduces the space needed to install and secure wire harnesses on the structure
- Water repellent

**ROUNDIT® 2000 NX GRIP** is a woven combination of Nomex® and PPS (polyphenylene sulfide). The Nomex/PPS blend in a flat weave construction gives ROUNDIT 2000 NX GRIP 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 GRIP is ideal for commercial and defense aircraft applications due to its excellent abrasion resistance and halogen-free qualities.

ROUNDIT 2000NX GRIP features a sewn loop textile attachment method which enables in conjunction with an adhesive hook installed on the aircraft structure to locate and attach the wire harness. Thanks to its unique construction, ROUNDIT 2000NX GRIP reduces the space needed between the wire harness and the structure as compared to standard fixation methods.

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.

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.*

RoHS COMPLIANT

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 GRIP

| Property | Test Method | Result |
|---|---|---|
| **Operating temperature range** | Thermal endurance & shocks<br>For a short period (few hours) | -60°C to +200°C (-76°F to +392°F)<br>+220°C (+428°F) |
| **Classification Flammability/ smoke density/toxicity** | ABD 031 & FAR 25 § 853<br>EN2825 & 2826 | Conforms |
| **Water repellent** | EN 6059 Part 305 | Pass |
| **Abrasion resistance** | EN 6059 Part 403 | Pass |
| **Dynamic cut-through** | EN 6059 Part 405 | Pass |
| **Fluid Resistance** | EN 6059-303 | |
| Jet Fuel: JP-4 (Otan F44) | | Good resistance |
| Hydraulic Fluid (Skydrol 500B4) | | Good resistance |
| Mineral Oil (MIL-L-7870A) | | Good resistance |
| Synthetic Oil (MIL-L-23699) | | Good resistance |
| Cleaning Fluids (MIL-L-87936) | | Good resistance |
| De-icing Fluid (MIL-A-8243) | | Good resistance |
| **Mould 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 GRIP 5-5 | 1 (1/32") | 5 (3/16") | 21 (0.0141) | 150 (492) |
| ROUNDIT 2000 NX GRIP 8-5 | 5 (3/16") | 8 (5/16") | 25 (0.0168) | 100 (328) |
| ROUNDIT 2000 NX GRIP 13-5 | 8 (5/16") | 13 (1/2") | 34 (0.0228) | 50 (164) |
| ROUNDIT 2000 NX GRIP 19-5 | 13 (1/2") | 19 (3/4") | 46 (0.0309) | 25 (82) |
| ROUNDIT 2000 NX GRIP 25-5 | 19 (3/4") | 25 (1") | 63 (0.0423) | 25 (82) |
| ROUNDIT 2000 NX GRIP 32-5 | 25 (1") | 32 (1-1/4") | 78 (0.0524) | 25 (82) |
| ROUNDIT 2000 NX GRIP 40-5 | 32 (1-1/4") | 40 (1-1/2") | 90 (0.0605) | 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 GRIP | 5 | 5 (green) | 150m |

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