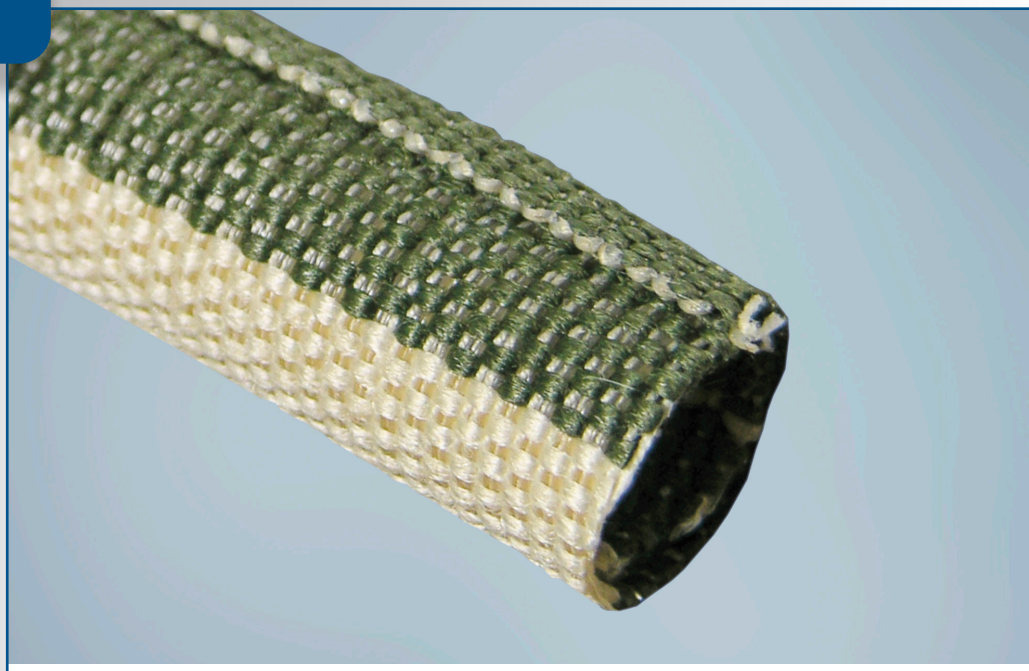
# ROUNDIT® 2000 NX HT

ELECTRICAL INSULATION

ABRASION



## Product Highlights

- Operating temperature from -70°C to +260°C (-94°F to +500°F)
- ASD EN 6049-007
- Excellent cut-through and abrasion resistance
- Halogen-free
- Self-wrapping design
- Ideal for reworking components without disconnecting them
- Lightweight construction
- Tracer indicating the maximum operating diameter
- Aesthetic solution
- Water repellent
- EN45545-2
- 1.5 kV dielectric resistance for 1 minute

**ROUNDIT® 2000 NX HT** is a self-wrapping sleeve manufactured from PEEK monofilaments and Nomex® multifilaments. It includes a water repellent treatment in order to prevent the absorption of condensation build-up caused by the extreme changes aircraft are subjected to. Designed for mechanical protection and maintenance of wire and cable bundles, its 100% covering ratio provides excellent cut-through and abrasion resistance.

The self-wrapping design allows for quick and easy installation and removal of the product for assembly and maintenance. ROUNDIT 2000 NX HT also accommodates break cuts.

The high temperature version is differentiated from the standard ROUNDIT 2000 NX by a wide ivory tracer on the outer side.



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.

RoHS COMPLIANT

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

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

# Performance Data – ROUNDIT® 2000 NX HT

| Property | Test Method | Result |
|---|---|---|
| **PHYSICAL** | | |
| **Operating Temperature Range** | | -70°C (-94°F) to +260°C (500°F) |
| **Classification Flammability/ smoke density/toxicity** | F.A.R. Part 25 (60 s)<br>F.A.R. Part 25 (12 s)<br>EN 45545-2 | Pass<br>Pass<br>R22 HL3 R23 HL3 |
| **Water Repellency** | EN 6059 Part 305 | Pass |
| **MECHANICAL** | | |
| **Abrasion resistance** | EN 6059 Part 403 | Pass |
| **Dynamic cut-through** | EN 6059 Part 405 | Pass |
| **Vibration** | EN 6059 Part 406 | No cable abrasion |
| **ELECTRICAL** | | |
| **Voltage proof test** | EN 6059 Part 501 | 1.5 kV dielectric strength |
| **Resistance to electrical arcs** | EN 6059 Part 502 | Details on cables and voltage available upon request |
| **CHEMICAL** | | |
| **Fluid Resistance** | EN 6059 Part 303 | |
| Jet Fuel: JP-5 (Otan 144) | | 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 |
| **Mold Growth** | prEN 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.***

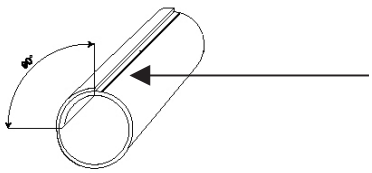
## Product Specifications

| 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 HT 5-5 | 1 (1/32") | 5 (3/16") | 20 (0.013) | 150 (492') |
| ROUNDIT 2000 NX HT 8-5 | 5 (3/16") | 8 (5/16") | 27 (0.018) | 100 (328') |
| ROUNDIT 2000 NX HT 13-5 | 8 (5/16") | 13 (1/2") | 39 (0.026) | 50 (164') |
| ROUNDIT 2000 NX HT 19-5 | 13 (1/2") | 19 (3/4") | 60 (0.040) | 25 (82') |
| ROUNDIT 2000 NX HT 25-5 | 19 (3/4") | 25 (1") | 73 (0.049) | 25 (82') |
| ROUNDIT 2000 NX HT 32-5 | 25 (1") | 32 (1-1/4") | 93 (0.062) | 25 (82') |
| ROUNDIT 2000 NX HT 40-5 | 32 (1-1/4") | 40 (1-1/2") | 116 (0.078) | 25 (82') |

*Nominal size is determined by wrapping the product around a mandrel of a given size to obtain 90 degrees of overlap (average value).

## Part Numbering System

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



Tracer indicating the maximum operating diameter


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