



ABRASION/MECHANICAL

ROUNDIT® 2000 NX HT

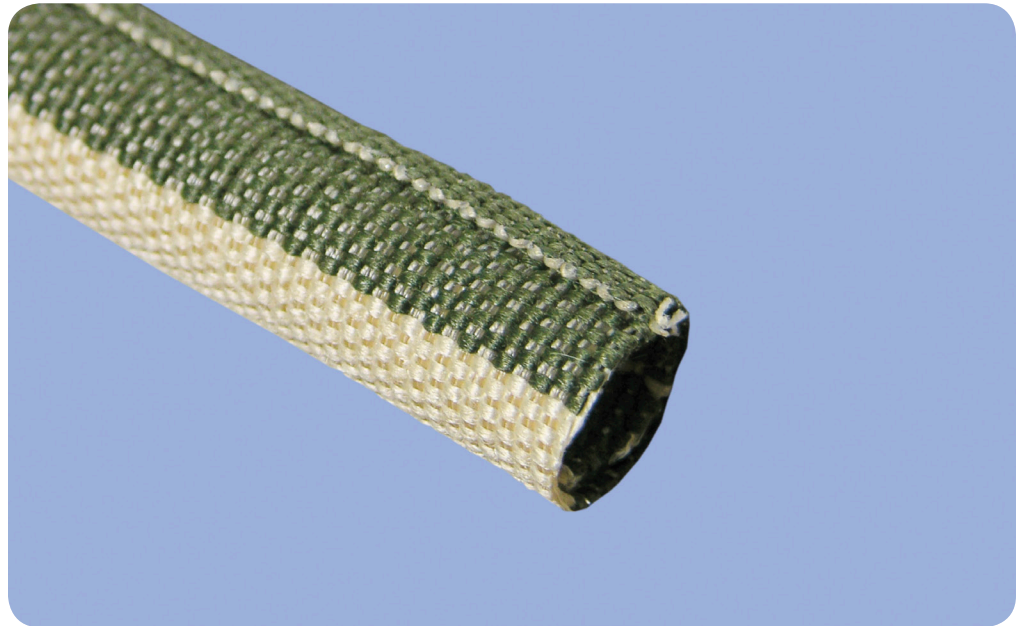
Product Highlights

- 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
- Oil and water repellent



Our manufacturing sites are certified ISO 9001, ISO/TS 16949, or AS/EN 9100, and ISO 14001

R12000NXHT_07182012



ROUNDIT® 2000 NX HT is a self-wrapping sleeve manufactured from PEEK monofilaments and Nomex® multifilaments. It includes an oil and 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.

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BentleyHarris®
Protection Products

Performance Data – ROUNDIT® 2000 NX HT

Property	Test Method	Result
PHYSICAL		
Operating temperature range	Thermal endurance & shocks	-70°C (-94°F) to +260°C (500°F)
Classification Flammability/ smoke density/toxicity	ABD 031 & FAR 25 § 853	Conforms
Water repellent	EN 6059 Part 305	Pass
MECHANICAL		
Abrasion resistance	EN 6059 Part 403	Pass
Dynamic cut-through	EN 6059 Part 405	Pass
Vibrations	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
Mould Growth	prEN 6059 Part 306	Pass

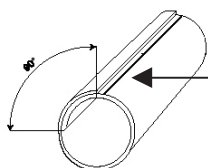
Product Specifications

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

FEDERAL MOGUL
Systems Protection

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