



ABRASION/MECHANICAL

ROUNDIT® 2000 NX GRIP

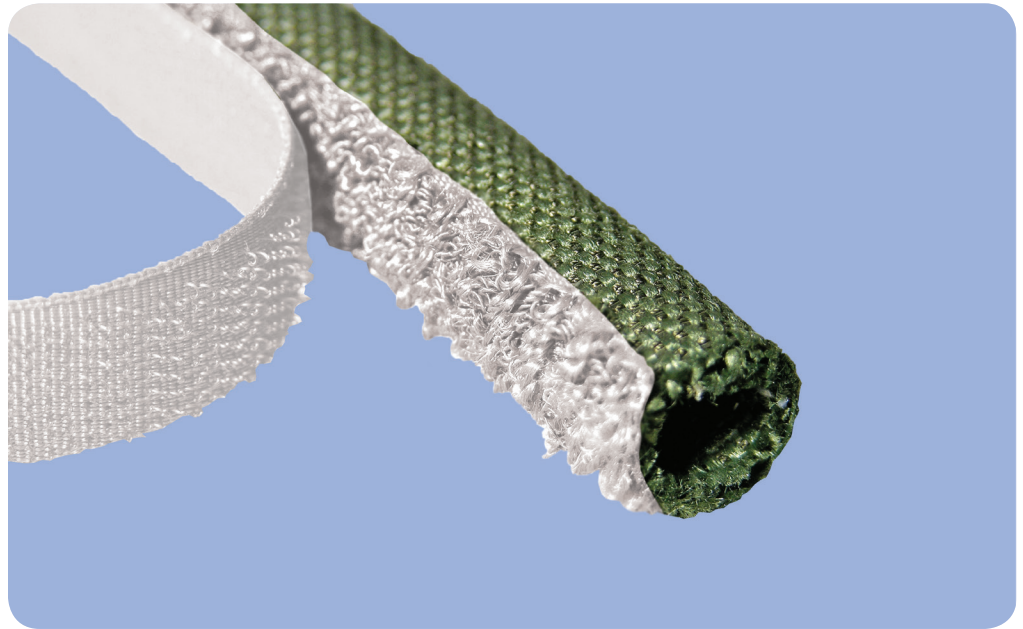
Product Highlights

- 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
- Oil and water repellent



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

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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.

BentleyHarris®
Protection Products

Performance Data – ROUNDIT® 2000 NX GRIP

Property	Test Method	Result
Operating temperature range	Thermal endurance & shocks For a short period (few hours)	-60°C to +200°C (-76°F to +392°F) +220°C (+428°F)
Classification Flammability/ smoke density/toxicity	ABD 031 & FAR 25 § 853 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 Jet Fuel: JP-4 (Otan F44) Hydraulic Fluid (Skydrol 500B4) Mineral Oil (MIL-L-7870A) Synthetic Oil (MIL-L-23699) Cleaning Fluids (MIL-L-87936) De-icing Fluid (MIL-A-8243)	EN 6059-303	Good resistance Good resistance Good resistance Good resistance Good resistance Good resistance
Mould Growth	EN 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 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



USA: (1) 800 926 2472
 Europe: (33) 3 44 39 06 06
 Japan: (81) 45 479 0201
 China: (86) 21 6182 7688

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