



ABRASION/MECHANICAL

ROUNDIT® 2000 NX VTR

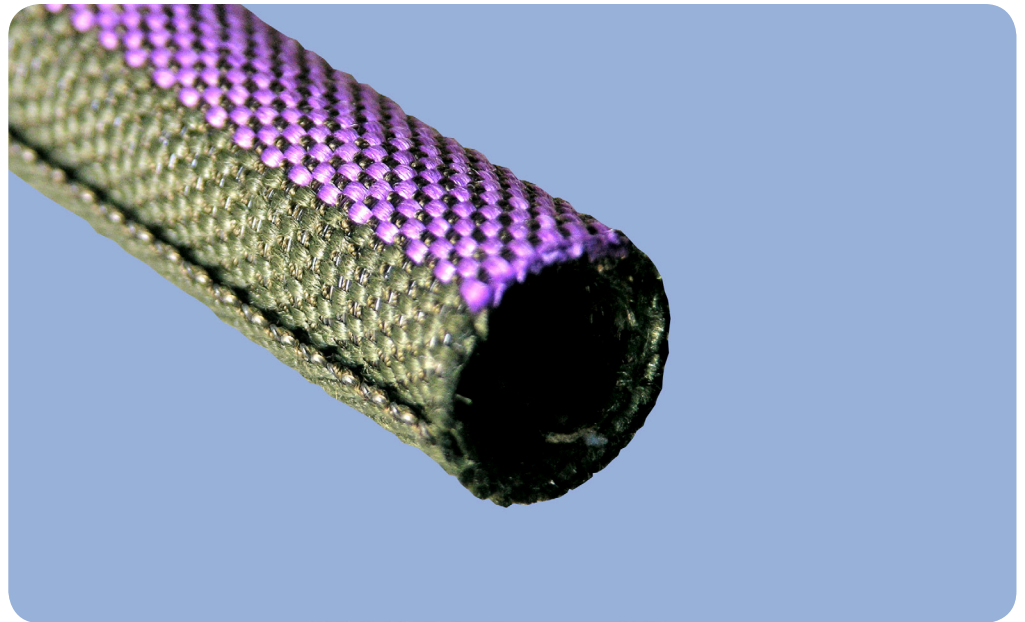
Product Highlights

- 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
- Easy to apply and remove
- Ideal for reworking components without disconnecting them
- 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 VTR is a woven combination of Nomex® and PPS (polyphenylene sulfide). The Nomex/PPS blend in a flat weave construction gives ROUNDIT 2000 NX VTR 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 VTR is ideal for commercial and defense aircraft applications due to its excellent abrasion resistance and halogen-free qualities.

ROUNDIT 2000NX VTR has been specially designed to identify and protect wire harnesses made of optical fiber

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 VTR

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) After 168h at +200°C (+392°F), violet tracer fades slightly +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 VTR 5-5/7	1 (1/32")	5 (3/16")	13 (0.0087)	150 (492)
ROUNDIT 2000 NX VTR 8-5/7	5 (3/16")	8 (5/16")	18 (0.0114)	100 (328)
ROUNDIT 2000 NX VTR 13-5/7	8 (5/16")	13 (1/2")	26 (0.0175)	50 (164)
ROUNDIT 2000 NX VTR 19-5/7	13 (1/2")	19 (3/4")	38 (0.0235)	25 (82)
ROUNDIT 2000 NX VTR 25-5/7	19 (3/4")	25 (1")	47 (0.0295)	25 (82)
ROUNDIT 2000 NX VTR 32-5/7	25 (1")	32 (1-1/4")	65 (0.0398)	25 (82)
ROUNDIT 2000 NX VTR 40-5/7	32 (1-1/4")	40 (1-1/2")	90 (0.0602)	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 VTR	5	5/7 (green with violet tracer)	150m



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 Europe: (33) 3 44 39 06 06
 Japan: (81) 45 479 0201
 China: (86) 21 6182 7688

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