



ABRASION/MECHANICAL

ROUNDIT® 2000 NX

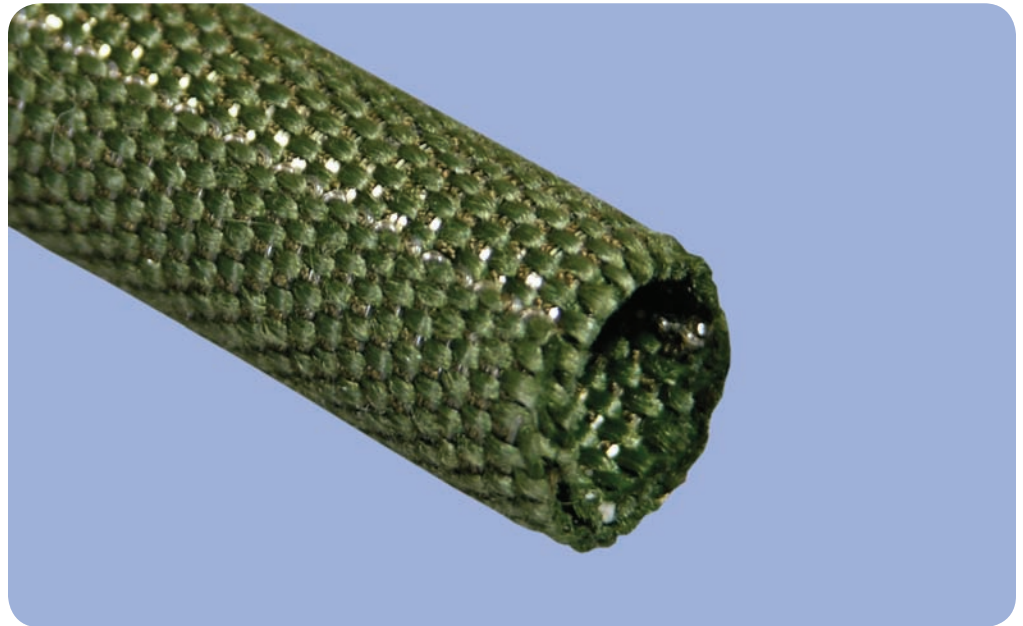
Product Highlights

- Operating temperature from -60°C to +200°C (-76°F to 392°F)
- ASD EN 6049-006
- BMS 13-81 Type 1
- DMS2379 Class 4, Type 4
- FAR Part 25
- Halogen-free
- Self-wrapping design
- Easy to apply and remove
- Ideal for reworking components without disconnecting them
- Tough fabric texture



Our manufacturing sites are certified ISO 9000, QS 9000 or ISO/TS 16949 and ISO 14001

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

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.

BentleyHarris®
Protection Products

FEDERAL MOGUL
Systems Protection

A.E. Petsche Co.

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Performance Data – ROUNDIT® 2000 NX

Property		Test Method		Result
PHYSICAL				
Operating Temperature				-60°C (-76°F) to +200°C (392°F)
Flammability		F.A.R. Part 25 (60 s) F.A.R. Part 25 (12 s)		Pass Pass
Smoke Density		ASTM E-662 (flaming) prEN 2825B (non-flaming)		Pass
Toxicity		BSS7239 + prEN 2826B		Pass
Water Repellency		EN 6059 Part 305		Pass
MECHANICAL				
Abrasion resistance		EN 6059 Part 403		Pass
Dynamic cut-through		EN 6059 Part 405		Pass
Vibration		DO 160B		No damage to cable
CHEMICAL				
Fluid Resistance		EN 6059 Part 303	BMS 13-81 § 8.2	
Fuel	JP5 Jet A, ASTM D1655	✓	✓	Good resistance
Hydraulic Fluid	Skydrol MIL-PRF-5606 MIL-PRF-87257	✓	✓ ✓ ✓	Good resistance
Methyl Propyl Ketone	BMS11-9, Grade 1		✓	Good resistance
Isopropyl Alcohol	TT-I-735		✓	Good resistance
Synthetic Lubricant	MIL-PRF-23699	✓	✓	Good resistance
Mineral Lubricant	MIL-L-7870A	✓		Good resistance
De-Icing Fluid	MIL-A-8243D	✓	✓	Good resistance
Cleaning Products	MIL-C-87937, Type 1 Alkaline Detergent (pH 10.0 - 10.5)	✓	✓	Good resistance
Mold 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 5-5	1 (1/32")	5 (3/16")	13 (0.009)	150 (492')
ROUNDIT 2000 NX 8-5	5 (3/16")	8 (5/16")	18 (0.012)	100 (328')
ROUNDIT 2000 NX 13-5	8 (5/16")	13 (1/2")	26 (0.017)	50 (164')
ROUNDIT 2000 NX 16-5	13 (1/2")	16 (5/8")	33 (0.022)	25 (82')
ROUNDIT 2000 NX 19-5	16 (5/8")	19 (3/4")	38 (0.026)	25 (82')
ROUNDIT 2000 NX 25-5	19 (3/4")	25 (1")	47 (0.032)	25 (82')
ROUNDIT 2000 NX 32-5	25 (1")	32 (1-1/4")	65 (0.044)	25 (82')
ROUNDIT 2000 NX 40-5	32 (1-1/4")	40 (1-1/2")	90 (0.060)	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	5	5 (green)	150m



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