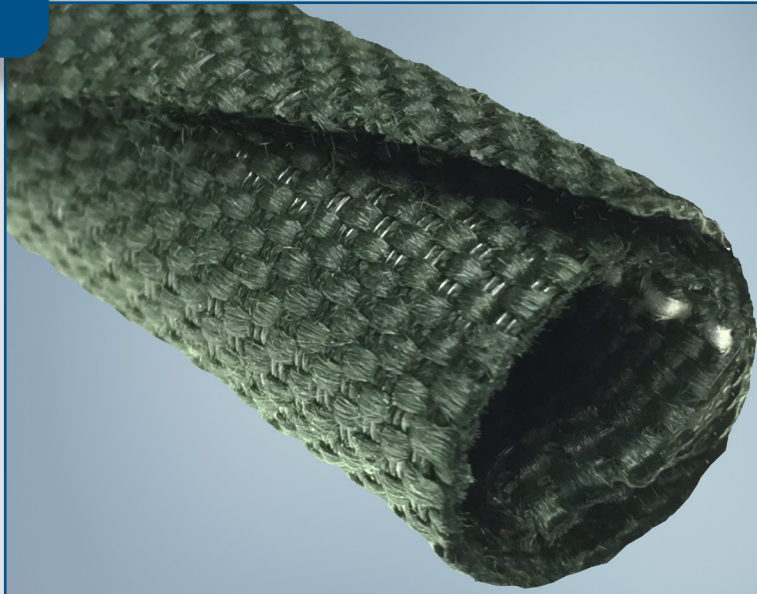


## Product Highlights

- 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
- Water repellent



**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.

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



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.



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

# Performance Data – ROUNDIT® 2000 NX

Property	Test Method	Result	
<b>PHYSICAL</b>			
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	
<b>MECHANICAL</b>			
Abrasion resistance	EN 6059 Part 403	Pass	
Dynamic cut-through	EN 6059 Part 405	Pass	
Vibration	DO 160B	No damage to cable	
<b>CHEMICAL</b>			
Fluid Resistance	<b>EN 6059 Part 303</b> <b>BMS 13-81 § 8.2</b>		
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

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 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



United States: (1) 800 926 2472 • México: (52) 442 101 8100 • Brazil: (55) 19 3116 1600  
 EMEA: (33) 3 44 39 06 06 • Japan: (81) 45 330 0300 • China: (86) 21 6182 7560  
 Southeast Asia: (66) 35 276 400 • Korea: (82) 44 861 6368 • India: (91) 124 4784565  
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