



ABRASION/MECHANICAL

ROUNDIT® 2000 NX Orange

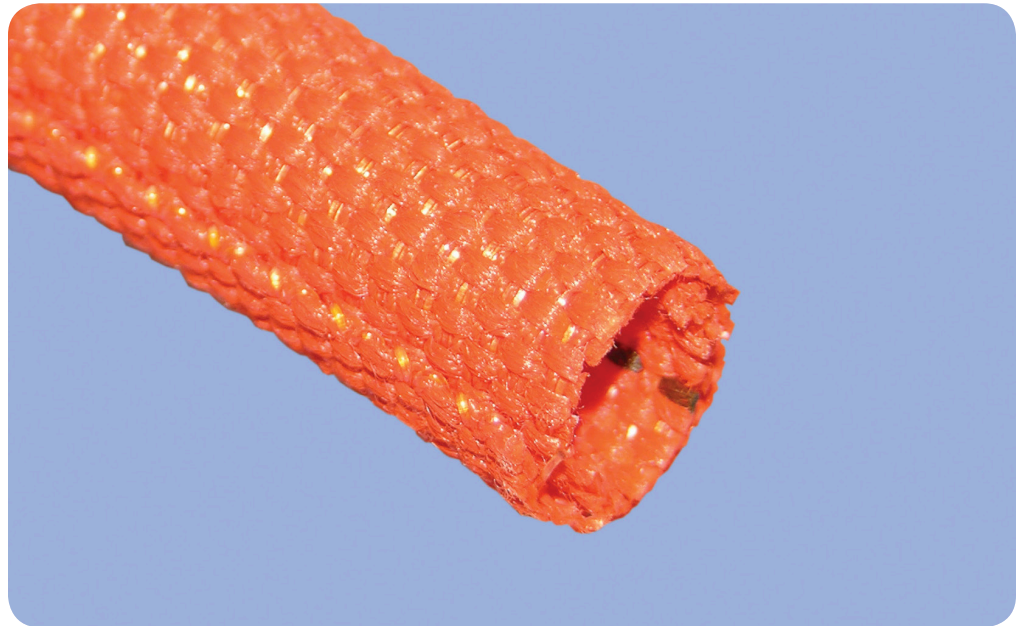
Product Highlights

- Operating temperature from -60°C to +200°C (-76°F to +392°F)
- ASD EN 6049-006
- Excellent cut-through and abrasion resistance
- 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

RI2000NXO_11222011



ROUNDIT® 2000 NX is a self-wrapping sleeve manufactured from PPS monofilaments and Nomex® with an oil and water repellent treatment, designed for mechanical protection and maintenance of wire and cable bundles. Its construction with 100% covering ratio provides excellent cut-through and abrasion resistance.

ROUNDIT 2000 NX in orange is designed to identify wire harnesses connected with test equipment taken on-board airplanes.

The self-wrapping feature allows for quick and easy installation and removal of the product for assembly and maintenance. ROUNDIT 2000 NX Orange also accommodates breakouts.

ROUNDIT 2000 NX has many applications in the aeronautical and military industries.



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 Orange

Property	Test Method	Result		
PHYSICAL				
Operating Temperature		-60°C to +200°C (-76°F to +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 5-3	1 (1/32")	5 (3/16")	13 (0.009)	150 (492')
ROUNDIT 2000 NX 8-3	5 (3/16")	8 (5/16")	18 (0.012)	100 (328')
ROUNDIT 2000 NX 13-3	8 (5/16")	13 (1/2")	26 (0.017)	50 (164')
ROUNDIT 2000 NX 19-3	16 (5/8")	19 (3/4")	38 (0.026)	25 (82')
ROUNDIT 2000 NX 25-3	19 (3/4")	25 (1")	47 (0.032)	25 (82')
ROUNDIT 2000 NX 32-3	25 (1")	32 (1-1/4")	65 (0.044)	25 (82')
ROUNDIT 2000 NX 40-3	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	3 (orange)	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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