

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
- Oil and water repellent



ROUNDIT® 2000 NX Red 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 red is designed to identify wire harnesses connected with weapon systems.

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

This design offers innovative solutions to the protection of breakout areas and also provides ease of removal when inspection or maintenance of cables is necessary.

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.



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

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

Performance Data – ROUNDIT® 2000 NX Red

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

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 5-2	1 (1/32")	5 (3/16")	13 (0.009)	150 (492')
ROUNDIT 2000 NX 8-2	5 (3/16")	8 (5/16")	18 (0.012)	100 (328')
ROUNDIT 2000 NX 13-2	8 (5/16")	13 (1/2")	26 (0.017)	50 (164')
ROUNDIT 2000 NX 19-2	16 (5/8")	19 (3/4")	38 (0.026)	25 (82')
ROUNDIT 2000 NX 25-2	19 (3/4")	25 (1")	47 (0.032)	25 (82')
ROUNDIT 2000 NX 32-2	25 (1")	32 (1-1/4")	65 (0.044)	25 (82')
ROUNDIT 2000 NX 40-2	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	2 (red)	150m



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