



ABRASION/MECHANICAL

ROUNDIT® 2000 NX Ptr

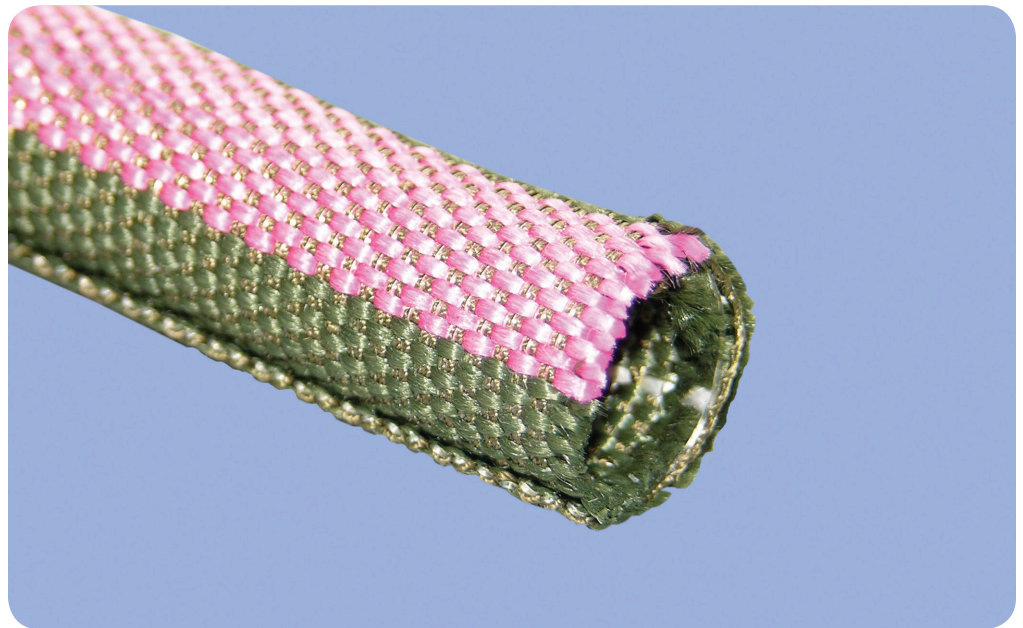
Product Highlights

- Operating temperature from -60°C to +200°C (-76°F to +392°F)
- Pink tracer identifying fuel lines
- ASD EN6049-006
- S8021
- Excellent cut-through and abrasion resistance
- Halogen-free
- Self-wrapping design
- Ideal for reworking components without disconnecting them
- Lightweight construction
- Ivory 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

RI2000NXPTR_11062012



ROUNDIT® 2000 NX Ptr is a self-wrapping sleeve manufactured from PPS monofilaments and Nomex® multifilaments with an oil and water repellent treatment, designed for mechanical protection and maintenance of wire and cable bundles. This design allows for 100% coverage providing excellent cut-through and abrasion resistance.

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

ROUNDIT 2000 NX with a pink tracer was designed for easy identification of fuel lines.

ROUNDIT 2000 NX Ptr 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 Ptr

Property	Test Method	Result
PHYSICAL		
Operating temperature	Thermal endurance & shocks For a short period (few hours)	-60°C to +200°C (-76°F to +392°F) After 168h at 200°C, pink tracer fades slightly +220°C (+428°F)
Heat stability	DMS 2379 § 4.5.9	Pass
MECHANICAL		
Abrasion resistance	EN 6059 Part 403	Pass
Dynamic cut-through	EN 6059 Part 405	Pass
Vibrations	DO 160B	No cable abrasion
CHEMICAL		
Flammability	DMS 1511 Far Part 25	Pass Pass
Smoke density	ASTM F814 ASTM E662	Pass Dmax <50
Vacuum stability	ASTM E595	TML 1.89% CVCM 0.18% WVR 1.60
Toxicity	BSS 7239	Pass
Fluid Resistance Jet Fuel: JP-4 (MIL-T-5024) Hydraulic Fluid (Rayco 782, MIL-H-83282) Hydraulic Fluid (Skydrol LD4, DMS 2014, Type 4 Class 1 Isopropyl Alcohol (TT-I-735)	DMS 2379 § 4.5.7	Pass Pass Pass Pass (pink tracer fades slightly)

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 Ptr 5-5/29	1 (1/32")	5 (3/16")	13 (0.009)	150 (492')
ROUNDIT 2000 NX Ptr 8-5/29	5 (3/16")	8 (5/16")	18 (0.012)	100 (328')
ROUNDIT 2000 NX Ptr 13-5/29	8 (5/16")	13 (1/2")	26 (0.017)	50 (164')
ROUNDIT 2000 NX Ptr 19-5/29	13 (1/2")	19 (3/4")	38 (0.026)	25 (82')
ROUNDIT 2000 NX Ptr 25-5/29	19 (3/4")	25 (1")	47 (0.032)	25 (82')
ROUNDIT 2000 NX Ptr 32-5/29	25 (1")	32 (1-1/4")	65 (0.0398)	25 (82)
ROUNDIT 2000 NX Ptr 40-5/29	32 (1-1/4")	40 (1-1/2")	90 (0.0602)	25 (82)

* Nominal size is determined by wrapping the product around a mandrel of a given size to obtain 90 degrees of overlap (average value).

Part Numbering System

Example	Product Name	Size	Color	Quantity
	ROUNDIT 2000 NX Ptr	8	5/29 (green with pink tracer)	100m



USA: (1) 800 926 2472
 Europe: (33) 3 44 39 06 06
 Japan: (81) 45 479 0201
 China: (86) 21 6182 7688

The information and illustrations given herein are believed to be reliable. Federal-Mogul makes no warranties as to their accuracy or completeness and disclaims any liability in connection with their use. Federal-Mogul's only obligations are those in the standard term of sale for this product and Federal-Mogul will not be liable for any consequential or other damages arising out of the use or misuse of this product. Users should make their own evaluations to determine the suitability of the product for specific applications.