

**Sizes 32 & 40  
Now Available**

## **Product Highlights**

- Operating Temperature  
-60°C to +200°C
- Excellent cut-through  
and abrasion resistance
- Halogen-free
- Self-wrapping design
- Ideal for reworking  
components without  
disconnecting them
- Lightweight  
construction
- Tracer indicating the  
maximum operating  
diameter
- Aesthetic solution
- Oil and water repellent



# **Roundit™ 2000NX**

Roundit 2000NX is a wrap-around sleeving 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.

The self-wrapping feature of Roundit 2000NX allows for quick and easy installation and removal of the product for assembly and maintenance.

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 2000NX is also available with red tracer lines to identify wire harnesses connected with weapon systems.

As an additional benefit, Roundit 2000NX enables users to stock a limited range of sizes to cover a wide range of cable and wire diameters.

To ease installation, a special assembly tooling, Roundit-Tool, has been designed.

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

**BentleyHarris®**  
Protection Products

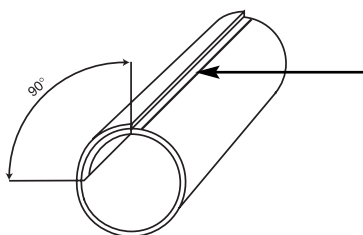
## Performance Data

Property	Test	Result
<b>Physical</b>		
Operating temperature range	Thermal endurance & shocks For a short period (few hours)	-60°C to +200°C +220°C
Classification Flammability/smoke density/toxicity	ABD 031& FAR 25 § 853	Conforms - no halogen content
Water repellent	EN 6059 Part 305	Pass
<b>Mechanical</b>		
Abrasion resistance	EN 6059 Part 403	Pass
Dynamic cut-through	EN 6059 Part 405	Pass
Vibrations	DO 160B	No cable abrasion
<b>Chemical</b>		
Fluid Resistance	EN 6059-303	Good resistance
● Jet Fuel : JP4 (Otan F44)		Good resistance
● Hydraulic Fluid : Skydrol 500 B4		Good resistance
● Mineral Oil: MIL-L-7870A		Good resistance
● Synthetic Oil: MIL-L-23699		Good resistance
● Cleaning fluids: MIL-L87936		Good resistance
● De-Icing fluid : MIL-A-8243		Good resistance
Mould Growth	EN 6059 Part 306	Pass

## Product Specifications

Description	Nominal Size * (mm)	Maximum Weight (g/m)	Standard Packaging (m)
Roundit 2000NX 5-5	5	13	150
Roundit 2000NX 8-5	8	18	100
Roundit 2000NX 13-5	13	26	50
Roundit 2000NX 19-5	19	38	25
Roundit 2000NX 25-5	25	47	25
<b>New : Roundit 2000NX 32-5</b>	<b>32</b>	<b>65</b>	<b>25</b>
<b>New : Roundit 2000NX 40-5</b>	<b>40</b>	<b>90</b>	<b>25</b>

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



Tracer indicating the maximum operating diameter

## Part Numbering System

Example:	Description	Size	Colour	Quantity
	Roundit 2000NX	5	5 (camouflage green)	150 m
	Roundit 2000NX	5	5/2 (camouflage green with red tracer)	150 m

## Availability

Bentley-Harris® Roundit 2000NX is available in various sizes ranging from 5 to 40 mm. The standard colour is camouflage green. Roundit 2000 NX is also available with red tracers.

Roundit 2000NX is supplied on cardboard spools or in cut lengths according to your specifications. Packaging according to the GALIA (ODETTE) standard.

A professional assembly tool "Roundit-tool" is available on request for sizes 5, 8, 13 and 19 mm.

All numeric data shows average or typical value.



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