

# PROTECTIVE SLEEVING

## Roundit® 2000NX

High temperature  
wrap-around sleeving

### Applications

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 applications.

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

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', is also available.

Roundit 2000NX has many applications in the demanding aerospace, marine, railway and defence industries.

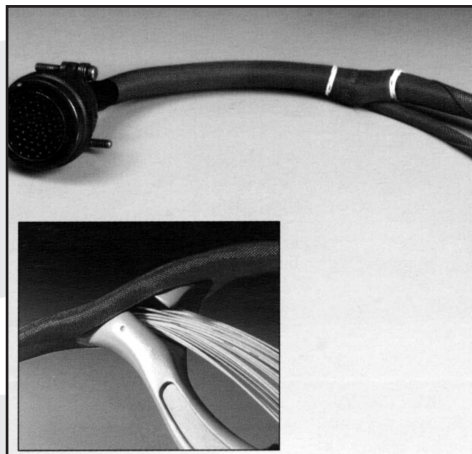
### Features & Benefits

- Excellent cut-through and abrasion resistance
- Self-wrapping design
- Halogen-free
- Ideal for retro-fit and maintenance without having to disconnect any components.
- Lightweight construction
- Aesthetic solution
- Oil and water repellent

### Operating Temperature

- -60°C to +200°C

**Note:** For further information on the Roundit 2000NX product range or for assistance with your specific sleeving requirements, please contact us.



### Approvals

- BMS 13-81
- EN 6049-006
- JN1149
- JSFQ01



#### Technical Performance

Properties	Test	Results
Operating temperature range	Thermal endurance & shocks	-60°C to +200°C
	For a short period (few hours)	+220°C
Classification flammability	ABD 031& FAR 25§ 853	Conforms - no halogen content
Smoke density/toxicity	NF F 16-101	F3, I4
Water repellent	EN 6059 Part 305	Pass
Abrasion resistance	EN 6059 Part 403	Pass
Dynamic cut-through	EN 6059 Part 405	Pass
Vibrations	DO 160B	No cable abrasion
Fluid Resistance		
<i>Jet Fuel: JP4 (Nato F44)</i>	EN 6059-303	Good resistance
<i>Hydraulic fluid: Skydrol 500 B4</i>		Good resistance
<i>Mineral oil: MIL-L-7870A</i>		Good resistance
<i>Synthetic oil: MIL-L-23699</i>		Good resistance
<i>Cleaning fluids: MIL-L87936</i>		Good resistance
<i>De-Icing fluid: MIL-A-8243</i>		Good resistance
Mould growth	EN 6059 Part 306	Pass

#### Roundit 2000NX Dimensions (all dimensions are in mm)

Nominal Size (mm)	Maximum Weight (g/m)	Standard Packaging (m)	Ordering Description
5	10.6	150	ROUNDIT-2000-NX-5mm-Green
8	14.5	100	ROUNDIT-2000-NX-8mm-Green
13	20.7	50	ROUNDIT-2000-NX-13mm-Green
19	31	25	ROUNDIT-2000-NX-19mm-Green
25	38.1	25	ROUNDIT-2000-NX-25mm-Green
32	65	25	ROUNDIT-2000-NX-32mm-Green
40	90	25	ROUNDIT-2000-NX-40mm-Green

#### Application Tools

Description	Nominal Size (mm)	Standard Packaging	Ordering Description
Roundit 2000NX 5mm	5	1	ROUNDIT-TOOL-SIZE-5
Roundit 2000NX 8mm	8	1	ROUNDIT-TOOL-SIZE-8
Roundit 2000NX 13mm	13	1	ROUNDIT-TOOL-SIZE-13

#### Ordering Information

Standard colour: Olive-green.  
 Other colours: Red, Orange  
 Ordering description: Specify product name, size and colour: ROUNDIT-2000-NX-5mm-Green.  
 Ordering Example: An olive-green protective sleeve capable of covering an 8mm cable diameter is required = ROUNDIT-2000-NX-8mm-Green.

