

PROTECTIVE SLEEVING

Roundit™ 2000

Wrap-around sleeving

Applications

Roundit 2000 is a wrap-around sleeving manufactured from modified monofilament and textured polyester yarn, 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 2000 allows for quick and easy installation and removal of the product for assembly and maintenance applications. Roundit 2000 may be applied or removed without any manipulation of connectors or fittings and offers an innovative solution in areas where breakouts are required.

It's wrappable construction allows stocking of a limited range of sizes to cover a wide range of diameters. To ease installation, a special assembly tooling 'Roundit-Tool' is also available.

Roundit 2000 has many applications in the aerospace, motorsport, marine, defence, railway, electronics and manufacturing industries.

Features & Benefits

- Excellent cut-through and abrasion resistance
- Self-wrapping design
- Easy to apply and remove
- Ideal for retro-fit and maintenance without having to disconnect any components.
- Lightweight construction
- Aesthetic solution

Operating Temperature

- -70°C to +125°C



Note: For further information on the **Roundit 2000** product range or assistance with your specific sleeving requirements, please contact **IS-Rayfast**.

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Technical Performance

Properties	Test	Results
Operating temperature range		-70°C to +125°C
Melt temperature	ASTM D276	+256°C
Low temperature flexibility	MIL-DTL-23053E	-70°C
Smoke density	ASTM E-1354	Pending
Fire resistance	FMVSS-302 Test method D45 1333	Self-extinguishing, type B
Hard Vacuum	ASTM E-595	
• TML (Mass)		0.63%
• CVCM (Condensation)		0.16%
• WVR (Steam)		0.06%
Copper corrosivity	MIL-I-23053	No effect
Fluid Resistance	MIL-I-23053	Tensile retention
• Jet fuel: JP-41		100%
• Hydraulic Fluid: (MIL-H-5606)		100%
• Lube oil: (MIL-I-7808)		100%
• De-Icing fluid: (MIL-A08243)		100%
• Salt water: (O-S-1926)		100%

Roundit 2000 Dimensions (all dimensions are in mm's)

Description	Nominal Size (mm)	Standard Packaging (m)	Ordering Description
Roundit 2000 5	5	150	ROUNDIT-2000-5mm-0
Roundit 2000 8	8	100	ROUNDIT-2000-8mm-0
Roundit 2000 13	13	50	ROUNDIT-2000-13mm-0
Roundit 2000 19	19	25	ROUNDIT-2000-19mm-0
Roundit 2000 25	25	25	ROUNDIT-2000-25mm-0
Roundit 2000 29	29	25	ROUNDIT-2000-29mm-0
Roundit 2000 32	32	15	ROUNDIT-2000-32mm-0
Roundit 2000 38	38	15	ROUNDIT-2000-38mm-0

Application Tools

Roundit 2000 5mm	5	1	ROUNDIT-TOOL-SIZE-5
Roundit 2000 8mm	8	1	ROUNDIT-TOOL-SIZE-8
Roundit 2000 13mm	13	1	ROUNDIT-TOOL-SIZE-13

Ordering Information

Standard colour: 0 = (Black).

Ordering description: Specify product name, size and colour; **ROUNDIT-2000-8mm-0** (0=Black).

Ordering Example: A black protective sleeve capable of covering a 15mm cable diameter is required = **ROUNDIT-2000-19mm-0** (0=Black).
A black protective sleeve capable of covering a 30mm cable diameter is required = **ROUNDIT-2000-32mm-0** (0=Black).