

Protective Sleevings

ROUNDIT® 2000 FR

Flame Retardant Polyester

Self Wrap-around sleeving

Abrasion and Mechanical Protection

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

Its wrappable construction allows stocking of a limited range of sizes to cover a wide range of diameters. The 'Roundit®-Tool', a special assembly tool, is also available to ease installation.

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

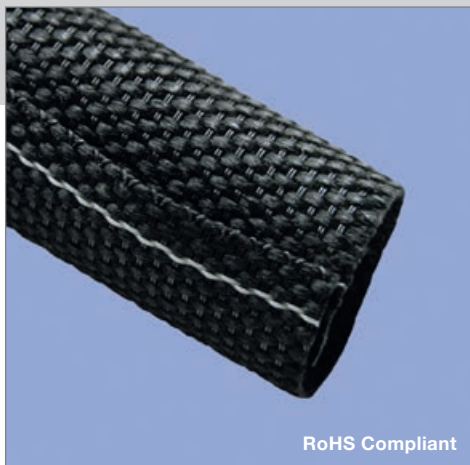
For installation it is recommended to maintain a minimum of 25% overlap at all times

Features & Benefits

- Excellent abrasion resistance
- Flame retardant
- Zero halogen
- Self wrapping design
- Easy to apply and remove
- Ideal for retro-fit and maintenance without having to disconnect components
- Lightweight construction
- Aesthetic solution

Operating Temperature

- From -50°C to +150°C



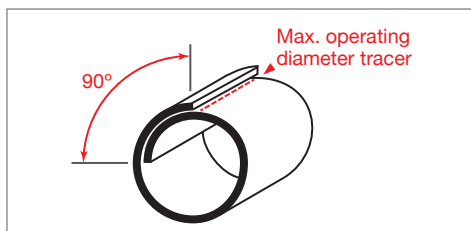
RoHS Compliant

Specifications & Approvals

- NF16101/16102
- EN 45545-2

Notes

Maximum application size is determined by wrapping the product around a mandrel of a given size to obtain 90° of overlap (average value).



For further information on this or other products in our range, or for assistance with your specific requirements, please contact us.

All numeric data shows average or typical values.


Application Tool

A professional aluminium assembly tool 'ROUNDIT-TOOL' is available for sizes 5, 8, 13 and 19mm, see table. Please note that a basic red plastic tool used for demonstration is also available free of charge on request.

Properties	Test	Results
Filament Melt Temperature		+250°C
Oxygen Index	NF EN ISO 4589-2	IO 31.75%
Dynamic Cut Through	BS G212	Pass
Abrasion Resistance	NF F 63-808	Pass
Fluid resistance • Hydraulic fluids: NATO.0.156	EN 6059-303 Immersion for 24hrs at +70°C	No visible degradation or alteration after being exposed
Fire / Smoke / Toxicity	NF 16 101 & NF 16 102 DB DIN 5510 § 2 & 54 837 UNI CEI 20-38 ASTM E 662 - ASTM E 162 EN 45545-2	I2 - F2 S4, SR2, ST2 T = 1.7 Pass R22, HL3, R23, HL3

Application Range		Weight	Pack Size	Part Number
Min Ø mm	Max Ø mm	g/m	Spools (m)	
1	5	9	150m	Roundit-2000FR-5mm-Black
5	8	12	100m	Roundit-2000FR-8mm-Black
8	13	18	50m	Roundit-2000FR-13mm-Black
13	19	25	25m	Roundit-2000FR-19mm-Black
19	25	36	25m	Roundit-2000FR-25mm-Black
25	29	37	25m	Roundit-2000FR-29mm-Black
29	32	43	25m	Roundit-2000FR-32mm-Black
32	38	54	25m	Roundit-2000FR-38mm-Black
38	50	75	25m	Roundit-2000FR-50mm-Black**

** Size 50 is made of two sizes 25 sewn together.

Application Tool		
	5 Single end	Roundit-Tool-5
	8 Single end	Roundit-Tool-8
	13 Single end	Roundit-Tool-13
	5, 8 and 13, 19 Double ended	Roundit-Two-Head

Part Number Example; Roundit-2000FR-13mm-Black

13mm inside diameter, black sleeving, supplied in 50m spools as standard.

Ordering Information

Standard Colour:

0 = Black

Standard packaging:

Spools only, for MOQ please contact us