



ABRASION/MECHANICAL

ROUNDIT® 2000 FR

Product Highlights

- Operating Temperature
-50°C to +150°C
(-58°C to +302°F)
- Self-wrapping design
- Flame resistant
- EN 45545-2
- Zero halogen
- Abrasion resistant
- Easy to apply and remove

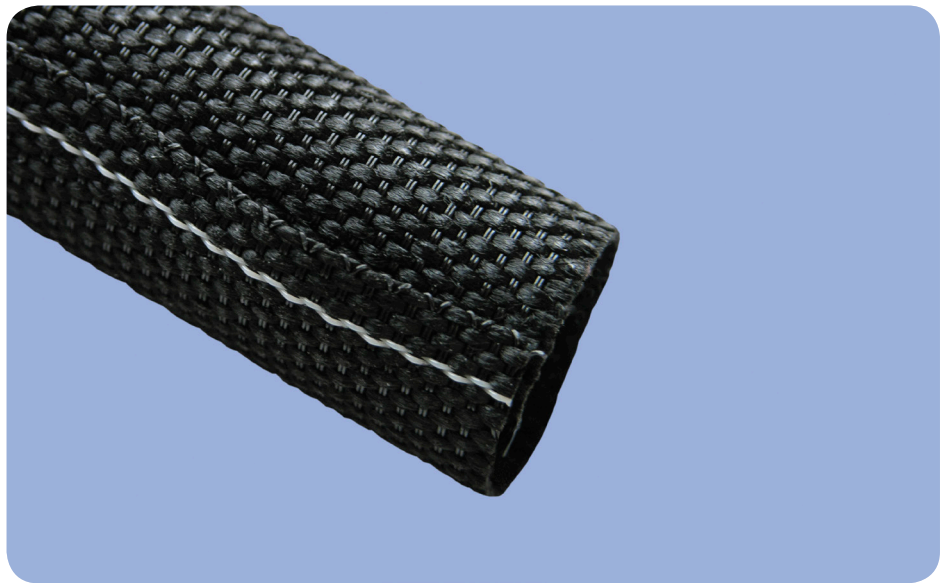
Installation Features

- Ideal for bundling without disconnecting components
- Accommodate break-outs
- Multifilament construction soft to the cables



Our manufacturing sites are certified ISO 9001, ISO/TS 16949, or AS/EN 9100, and ISO 14001

RI2000FR_07242014



ROUNDIT® 2000 FR 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 good abrasion resistance.

The self-wrapping feature of ROUNDIT 2000FR allows for quick and easy installation and removal of the product for assembly and maintenance. ROUNDIT 2000FR may be applied and removed without any manipulation of connectors or fittings and offers an innovative solution in areas where breakouts are necessary.

ROUNDIT 2000FR has many applications in the marine, railway and electronic 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.

BentleyHarris®
Protection Products

Performance Data – ROUNDIT® 2000 FR

Property	Test Method	Result
Operating temperature		-50°C (-58°F) to +150°C (+302°F)
Filament melt temperature		+250°C (+482°F)
Fire / Smoke / Toxicity	NF 16 101- 16 102 DIN 5510 §2 & 54837 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
Fluid Resistance – Hydraulic fluids: NATO.0.156	EN 6059-303 Immersion for 24hrs at +70°C (+158°F)	No visible degradation or alteration after being exposed.

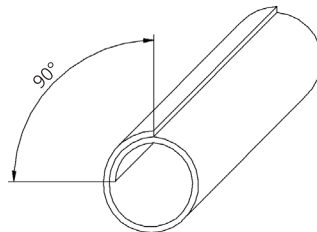
All numeric performance data shows average or typical values.

Product Specifications

Commercial Part Number	Max Wire Harness Size mm (in)	Recommended Application Range mm (in)		Max Weight g/m (lbs/ft)	Standard Packaging m (ft)
		Min Ø	Max Ø		
ROUNDIT 2000 FR 5	5 (3/16")	1 (1/32")	5 (3/16")	9 (0.006035)	150 (492')
ROUNDIT 2000 FR 8	8 (5/16")	5 (3/16")	8 (5/16")	12 (0.008047)	100 (328')
ROUNDIT 2000 FR 13	13 (1/2")	8 (5/16")	13 (1/2")	18 (0.01207)	50 (164')
ROUNDIT 2000 FR 19	19 (3/4")	13 (1/2")	19 (3/4")	25 (0.016764)	25 (82')
ROUNDIT 2000 FR 25	25 (1")	19 (3/4")	25 (1")	36 (0.02414)	25 (82')
ROUNDIT 2000 FR 29	29 (1-1/8")	25 (1")	29 (1-1/8")	37 (0.024811)	25 (82')
ROUNDIT 2000 FR 32	32 (1-1/4")	29 (1-1/8")	32 (1-1/4")	43 (0.028834)	25 (82')
ROUNDIT 2000 FR 38	38 (1-1/2")	32 (1-1/8")	38 (1-1/2")	54 (0.03621)	25 (82')
ROUNDIT 2000 FR 50**	50 (2")	38 (1-1/2")	50 (2")	75 (0.050292)	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).

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



Part Numbering System

Example Product Name	Size	Color	Quantity
ROUNDIT 2000 FR	13	0/9 (black w/white tracer)	50m (164 ft)

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