



ABRASION/MECHANICAL

ROUNDIT® 2000FR

Product Highlights

- Working Temperature
-50°C to +125°C
(-58°F to +257°F)
- Self-wrapping design
- Flame resistant
- Zero halogen
- Abrasion resistant

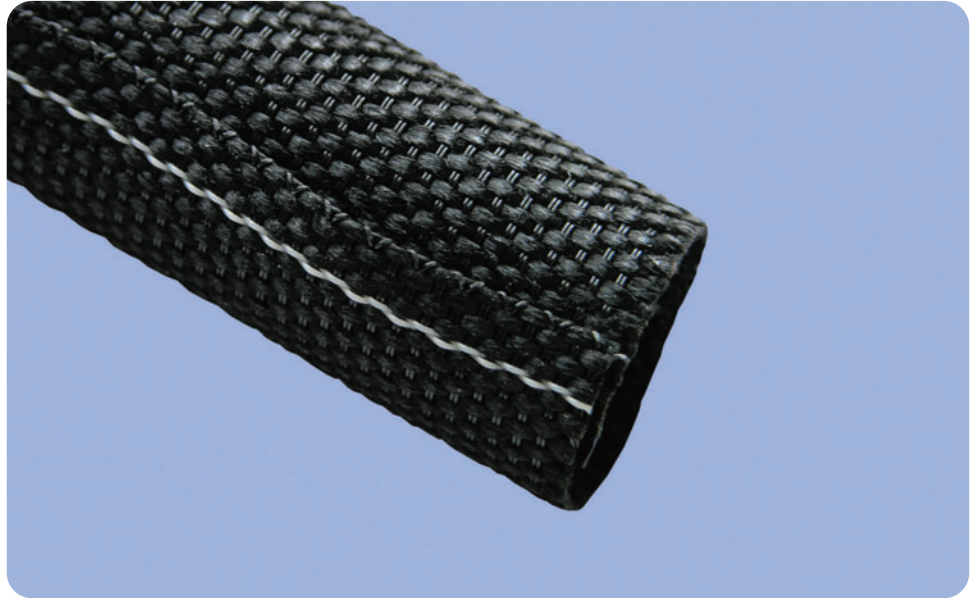
Installation Features

- Easy to apply and remove
- Ideal for bundling
without disconnecting
components
- Accommodate
break-outs



Our manufacturing sites are certified ISO 9000, QS 9000 or ISO/TS 16949 and ISO 14001

E_R2000FR 10/01/07



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 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® 2000FR

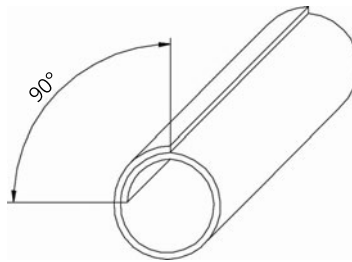
Property	Test Method	Result
Working temperature		-50°C (-58°F) to +125°C (+257°F)
Filament melt temperature		+250°C (+482°F)
Fire / Smoke / Toxicity	NF 16 101- 16 102 DIN 5510 §2 & 54837 UNI CEI 1170-3 Ed 2005 BS ASTM E 662 – ASTM E 162	I3 F2 S4, SR2, ST2 T = Pass
Fluid resistance: – Hydraulic fluids: NATO.0.156	EN 6059-303 Immersion for 24hrs at +70°C (+158°F)	No visible degradation or alteration after being exposed

Standard Sizes

Description	Nominal Size* (mm) (in)	Standard Packaging (m) (ft)
ROUNDIT 2000FR 5	5 (1/4")	150 (492)
ROUNDIT 2000FR 8	8 (3/8")	100 (328)
ROUNDIT 2000FR 13	13 (1/2")	50 (164)
ROUNDIT 2000FR 19	19 (3/4")	25 (82)
ROUNDIT 2000FR 25	25 (1")	25 (82)
ROUNDIT 2000FR 29	29 (1-1/8")	25 (82)
ROUNDIT 2000FR 32	32 (1-1/4")	25 (82)
ROUNDIT 2000FR 38	38 (1-1/2")	25 (82)
ROUNDIT 2000FR 50**	50 (2")	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:	Description	Size	Color	Quantity
	ROUNDIT 2000FR	13	0/9 (Black with a white tracer)	50m (164ft)

The information and illustrations given herein are believed to be reliable. Federal-Mogul makes no warranties as to their accuracy or completeness and disclaims any liability in connection with their use. Federal-Mogul's only obligations are those in the standard term of sale for this product and Federal-Mogul will not be liable for any consequential or other damages arising out of the use or misuse of this product. Users should make their own evaluations to determine the suitability of the product for specific applications.

©2007 Federal-Mogul Systems Protection, manufacturer of Bentley-Harris protection products

Availability

Bentley-Harris® ROUNDIT 2000FR is available in different sizes from 5 to 50 mm (1/4" to 2"). The standard color is black with a white tracer.

ROUNDIT 2000 FR is supplied on cardboard spool. Packaging following GALIA (ODETTE) standard.

A professional assembly tool "ROUNDIT-TOOL" is available on request for sizes 5, 8, 13 & 19 mm (1/4", 3/8", 1/2", & 3/4").

All numeric data shows average or typical value.

Europe: (33) 3 44 30 39 00
China: (86) 21 5588 0898
Japan: (81) 45 938 8711
USA: (1) 800.926.2472

www.federal-mogul.com/sp