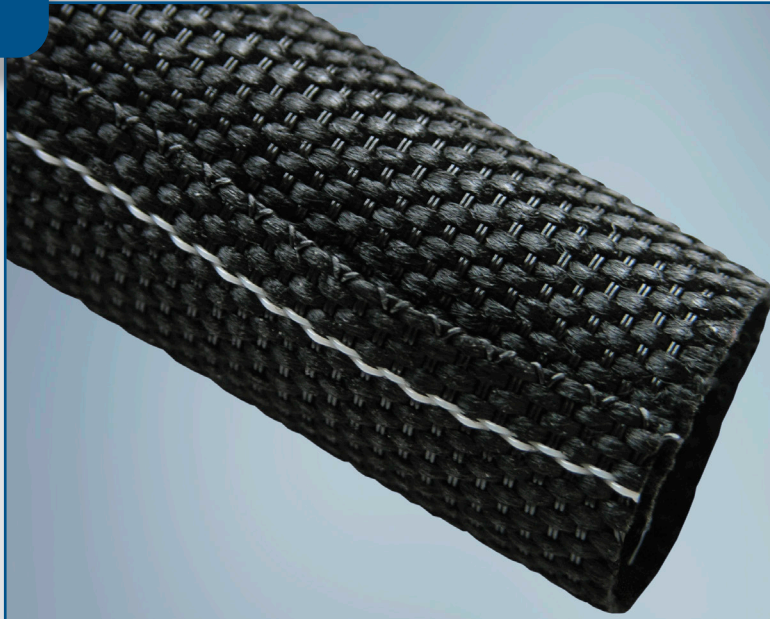


## Product Highlights

- Operating Temperature  
-50°C to +150°C  
(-58°F to +302°F)
- Self-wrapping design
- Flame resistant
- EN 45545-2
- ASTM E-162  
ASTM E-662  
BSS 7239  
SMP 800-C
- 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



**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.



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

# Performance Data – ROUNDIT® 2000FR

Property	Test Method	Result
Operating temperature		-50°C (-58°F) to +150°C (+302°F)
Filament melt temperature		+250°C (+482°F)
Heat Release	ASTM E-1354	Total heat release: 5.5 MJ/m <sup>2</sup>
Fire / Smoke / Toxicity	NF 16 101- 16 102 DIN 5510 §2 & 54837 UNI CEI 20-38 EN 45545-2 ASTM E 662 – ASTM E 162 SMP 800-C – BSS 7239	I2 F2 S4, SR2, ST2 T = 1.7 R22 HL3 R23 HL3 Pass 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.

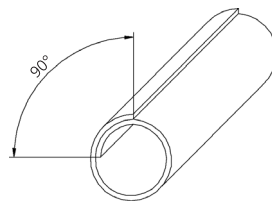
All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

## 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')
ROUNDIT 2000 FR 80**	80 (3-1/8")	50 (2")	80 (3-1/8")	145 (0.09700)	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 mm is made of two sizes 25 sewn together.  
Size 80 mm is made of 2 sizes 38 mm sewn together



## Part Numbering System

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



United States: (1) 800 926 2472 • México: (52) 442 101 8100 • Brazil: (55) 19 3116 1600  
 EMEA: (33) 3 44 39 06 06 • Japan: (81) 45 330 0300 • China: (86) 21 6182 7560  
 Southeast Asia: (66) 35 276 400 • Korea: (82) 44 861 6368 • India: (91) 124 4784565  
[www.systemsprotection.com](http://www.systemsprotection.com)



For informational purposes only. SP makes no warranties as to the accuracy or completeness of the information provided herein and disclaims any liability in connection with its use. SP's only obligations are those provided in its terms and conditions of sale for this product, and SP will not be liable for any damages, whether direct or indirect, arising out of the use or misuse of this product. Users should undertake their own evaluations to determine the suitability of the product for specific applications. ©2024 Systems Protection - A Tenneco Company, manufacturer of Bentley-Harris protection products.

R12000FR-GL(EN-A4)A