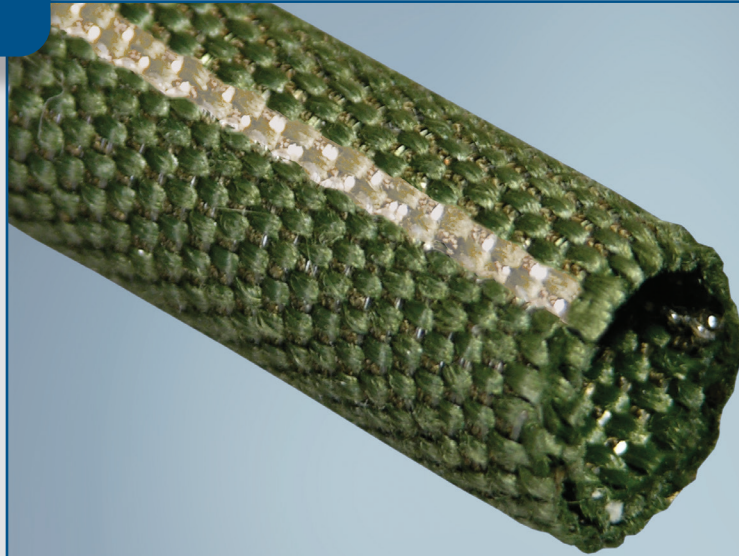


Product Highlights

- Operating temperature from -65°C to +200°C (-85°F to +392°F)
- ABS2413
- FAR Part 25
- Halogen-free
- Self-wrapping design
- Easy to apply and remove
- Ideal for reworking components without disconnecting them
- Tough fabric texture
- Water repellent



ROUNDIT® 2000 MA is a woven combination of meta-aramid and PPS (poly-phenylene sulfide). The meta-aramid/PPS blend in a flat weave construction gives ROUNDIT 2000 MA a rugged yet smooth texture and appearance for high temperature bundling and abrasion resistance. This product is rated to +200°C (+392°F) and is non-halogenated.

ROUNDIT 2000 MA is ideal for commercial aircraft applications due to its excellent abrasion resistance and halogen-free qualities.

ROUNDIT® products are tough, lightweight oversleeves used to bundle and protect cable assemblies, hoses and wire harnesses from chafing, cutting and abrading. The self-wrapping feature of ROUNDIT products allows for quick and easy application and removal of the product for assembly and maintenance. The product may also be applied or removed without disturbing connectors or fittings.



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



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.

Performance Data – ROUNDIT® 2000 MA

Property	Test Method	Result
PHYSICAL		
Operating Temperature		-65°C (-85°F) to +200°C (392°F)
Flammability	F.A.R. Part 25 (12 s)	Pass
Smoke Density	ASTM E-662 (flaming) prEN 2825B (non-flaming)	Pass
Toxicity	prEN 2826B	Pass
Water Repellency	EN 6059 Part 305	Pass
MECHANICAL		
Abrasion resistance	EN 6059 Part 403	Pass
Dynamic cut-through	EN 6059 Part 405	Pass
Vibration	EN 6059 Part 406	No damage to cable
CHEMICAL		
Fluid Resistance	EN 6059 Part 303	
Fuel JP5 Jet A, ASTM D1655	✓	Good resistance
Hydraulic Fluid Skydrol MIL-PRF-5606 MIL-PRF-87257	✓	Good resistance
Synthetic Lubricant MIL-PRF-23699	✓	Good resistance
Mineral Lubricant MIL-L-7870A	✓	Good resistance
De-Icing Fluid MIL-A-8243D	✓	Good resistance
Cleaning Products MIL-C-87937, Type 1 Alkaline Detergent (pH 10.0 - 10.5)	✓	Good resistance
Mold Growth	EN 6059 Part 306	Pass

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	Recommended Application Range mm (in)		Max Weight g/m (lbs/ft)	Maximum Typical Weight g/m (lbs/ft)	Standard Packaging m (ft)
	Min Ø	Max Ø			
ROUNDIT 2000 MA 5-5/9	1 (1/32")	5 (3/16")	11 (0.007)	10 (0.007)	150 (492')
ROUNDIT 2000 MA 8-5/9	5 (3/16")	8 (5/16")	15 (0.010)	14 (0.009)	100 (328')
ROUNDIT 2000 MA 13-5/9	8 (5/16")	13 (1/2")	23 (0.015)	21 (0.014)	50 (164')
ROUNDIT 2000 MA 16-5/9	13 (1/2")	16 (5/8")	26 (0.017)	25 (0.017)	25 (82')
ROUNDIT 2000 MA 19-5/9	16 (5/8")	19 (3/4")	33 (0.022)	30 (0.020)	25 (82')
ROUNDIT 2000 MA 25-5/9	19 (3/4")	25 (1")	45 (0.030)	37 (0.025)	25 (82')
ROUNDIT 2000 MA 32-5/9	25 (1")	32 (1-1/4")	54 (0.036)	45 (0.030)	25 (82')
ROUNDIT 2000 MA 40-5/9	32 (1-1/4")	40 (1-1/2")	63 (0.042)	62 (0.041)	25 (82')

Nominal size is determined by wrapping product around a mandrel of a given size to obtain an overlap of between 65° and 130°.

Part Numbering System

Example	Product Name	Size	Color	Quantity
	ROUNDIT 2000 MA	5	5/9 (green with an ivory edge tracer)	150m



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