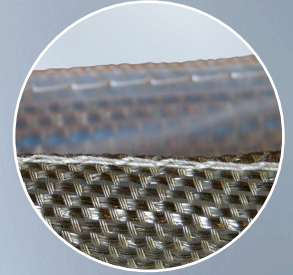
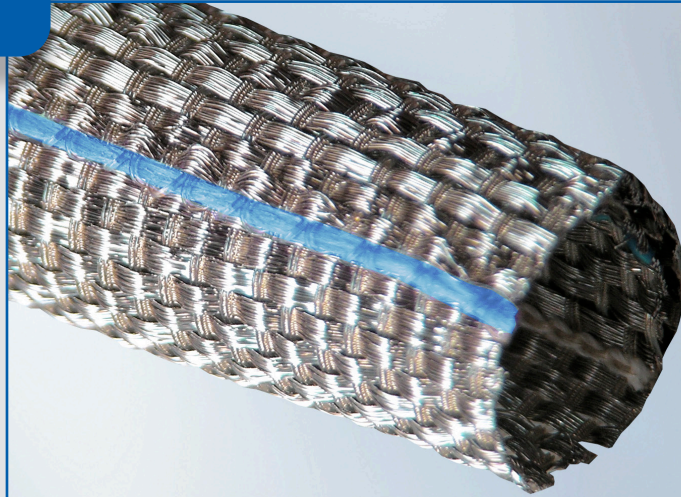


Product Highlights

- High Performance EMI Shielding
Ro max = 5mΩ
Lt = 2 nH
- Operating Temperature
-65°C to +200°C
(-85°F to +392°F)
- ASD EN 4674-003
- Halogen-free
- Self-wrapping design
- Fast and easy installation
- Stable construction
- Ideal for reworking components without disconnecting them
- Tracer indicating the maximum operating diameter



Internal PTFE layer

ROUNDIT® EMI C4 XWS is a wrap-around sleeving designed for EMI shielding of wire and cable bundles. ROUNDIT EMI C4 XWS is manufactured from PPS monofilaments and nickel plated copper C4 supplied with an internal layer of PTFE tape thus allowing wire harnesses to be protected from the metal.

The self-wrapping feature of ROUNDIT EMI C4 XWS allows for quick and easy installation and removal of the product for assembly and maintenance.

The design offers innovative solutions to the protection of breakout areas and also provides ease of removal when inspection or maintenance of cables is necessary.

As an additional benefit, ROUNDIT EMI C4 XWS enables users to stock a limited range of sizes to cover a wide range of cable and wire diameters.

Thanks to its unique geometry and metal insertion, ROUNDIT EMI C4 XWS is easy to clamp with existing solutions.

ROUNDIT EMI C4 XWS has many applications in the aeronautical and defense 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® EMI C4 XWS

Property	Test Method	Result
PHYSICAL		
Operating temperature range	Thermal endurance and shocks	-65°C to +200°C (-85°F to +392°F)
Rapid change in temperature	EN6059-308	Pass
Flammability/smoke density/toxicity	ABD 031 & FAR Part 25 § 853	Conforms
MECHANICAL		
Dynamic cut-through	EN 6059 Part 405	Pass
Bending	EN 6059 Part 402	Pass
Vibrations	EN 6059 Part 406	Pass
CHEMICAL		
Fluid Resistance - Jet Fuel: JP4 (NATO F44) - Hydraulic Fluid: Skydrol 500 B4 - Mineral Oil: MIL-L-7870A - Synthetic Oil: MIL-L-23699 - Cleaning fluids: MIL-L87936 - De-Icing Fluid: MIL-A-8243	EN 6059-303	Good resistance Good resistance Good resistance Good resistance Good resistance Good resistance
Salt spray resistance	EN2591-307 - 96 hours	Pass
Mold Growth	EN 6059 Part 306	Pass
EMI PERFORMANCE		
Resistance Measurement	EN 3475-301 R0 max = 5 mΩ for all sizes except size 5 = 6mΩ	Pass
Transfer Impedance	IEC 62153-4-3 Triaxial method Lt = 2 nH	Pass
Lightning	EN2591-214 Waveform 1 5K	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	Max. Wire Harness Size mm (in)	Recommended Application Range mm		Max Backshell Diameter mm	Standard Packaging m	Max. Spec. Weight (w/ PTFE layer) g/m	Maximum Typical Weight g/m
		Min Ø	Max Ø				
ROUNDIT EMI C4 XWS B 5-8	5 (3/16")	1	5	8	200	50	39
ROUNDIT EMI C4 XWS B 8-8	8 (5/16")	5	8	10	150	54	49
ROUNDIT EMI C4 XWS B 13-8	13 (1/2")	8	13	15	125	67	54
ROUNDIT EMI C4 XWS B 16-8	16 (5/8")	13	16	19	75	72	64
ROUNDIT EMI C4 XWS B 19-8	19 (3/4")	16	19	23	75	93	77
ROUNDIT EMI C4 XWS B 25-8	25 (1")	19	25	31	75	122	98
ROUNDIT EMI C4 XWS B 32-8	32 (1 1/4")	25	32	42	50	160	126
ROUNDIT EMI C4 XWS B 38-8	38 (1 1/2")	32	38	51	35	187	148
ROUNDIT EMI C4 XWS B 45-8	45 (1 3/4")	38	45	60	35	205	185

B = With internal PTFE layer

Commercial Part Number

Example:	Product Name	Size	Color	Quantity
	ROUNDIT EMI C4 XWS B	8	8 (light gray)	150 m



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RI-EMI-C4-XWS-NA(EN-LTR)A