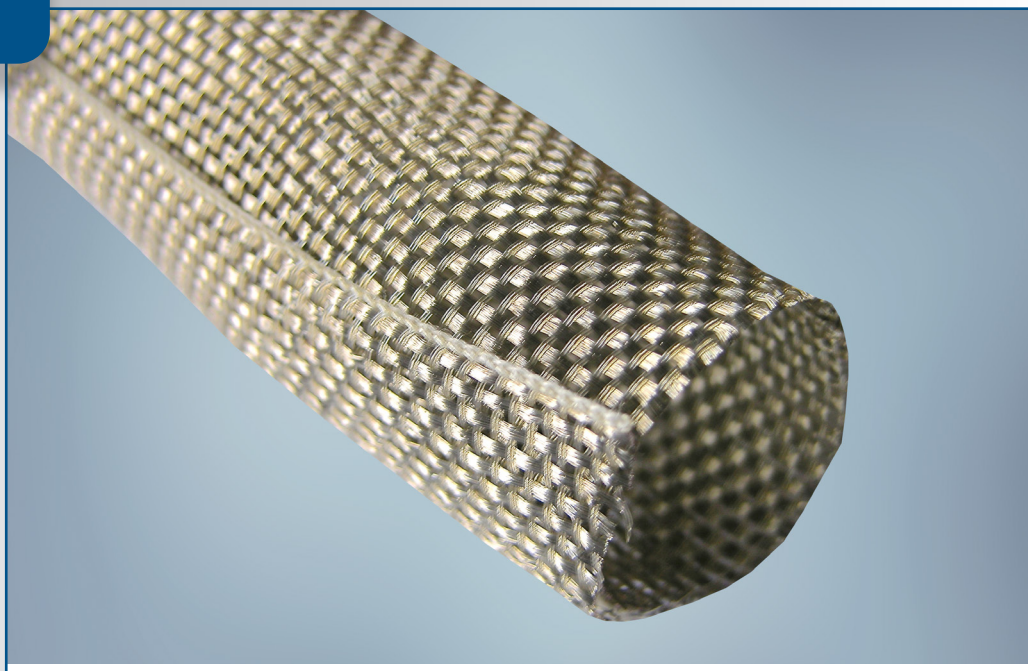
ROUNDIT® EMI 2605

EMI



ProductHighlights

- Operating temperature -50°C to +200°C (-58°F to +392°F)
- Self-wrapping design
- Fast and easy installation for local EMI protection
- Stable construction
- Ideal for reworking components without disconnecting them
- EN45545-2
- NFPA 130
  – ASTM E-162
  – ASTM E-662
- BSS 7239
- SMP 800-C
- Zero Halogen
- UL 94 V0 Raw material
- Cu/Ni metal (ASTM B-355)
- Good level of EMI shielding R0 max = 6 mΩ and Lt = 1.2 nH/m

RoHS COMPLIANT

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

ROUNDIT® EMI 2605 is a wrap-around sleeving designed for high performance EMI shielding of wire and cable bundles. ROUNDIT EMI 2605 is manufactured from UL 94 V0 rated PPS monofilaments and nickel plated copper wires class 4 according to ASTM B-355.

The self-wrapping feature of ROUNDIT EMI 2605 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.

The stable construction guarantees the same level of EMI shielding regardless of the diameter on which it is installed within the recommended application range.

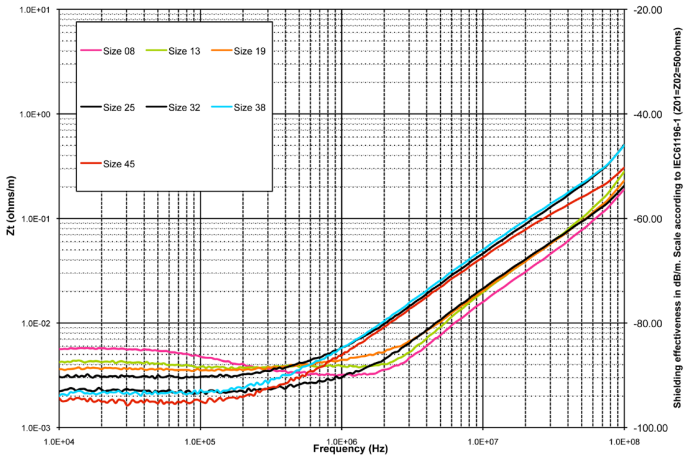
As an additional benefit, ROUNDIT EMI 2605 enables users to stock a limited range of sizes to cover a wide range of cable and wire diameters.

ROUNDIT EMI 2605 has many applications in the railway, marine, electronics, and robotics 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.

Performance Data – ROUNDIT® EMI 2605

Property	Test Method	Result
PHYSICAL		
Operating Temperature Range		-50°C (-58°F) to +200°C (392°F)
Heat Aging	EN6059-302 (168 hours)	+200°C (392°F)
Fire / Smoke / Toxicity	UL 94 BS6853 DIN 5510 §2 & 54837 EN 45545-2	Raw material classified V0 Zero halogen Toxicity R< 1.0 S4, SR2, ST2 R22 HL3 R23 HL3
Nickel plated copper	ASTM B-355	Nickel plated copper Class 4
CHEMICAL		
Fluid resistance - Hydraulic fluids: NATO.0.156	EN 6059-303 Immersion for 24hrs at +70°C D47 1924	No visible degradation after being exposed
Salt spray resistance	EN2591-307- 96 hours	Pass
EMI PERFORMANCES		
Resistance Measurement EN 3475-301 R0 max all sizes = 6 mΩ **Transfer Impedance** IEC 62153-4-3 Triaxial method on straight installation Lt = 1.2 nH	**Transfer impedance measurements** **ROUNDIT© EMI 2605 size 08, 13, 19, 25, 32, 38 & 45 - Straight** **(Nickel Plated Copper)**  	

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	Nominal Size* (mm)	Recommended Application Range mm (in)		Sleeve Cross Section (mm^2)	Maximum Mass g/m	Standard Packaging m (ft)
		Min Ø	Max Ø			
ROUNDIT EMI 2605 8	8	5 (3/16”)	8 (5/16”)	3.5	40	250 (820’)
ROUNDIT EMI 2605 13	13	8 (5/16”)	13 (1/2”)	4.8	55	175 (574’)
ROUNDIT EMI 2605 19	19	13 (1/2”)	19 (3/4”)	5.9	66	125 (410’)
ROUNDIT EMI 2605 25	25	19 (3/4”)	25 (1”)	6.9	80	75 (246’)
ROUNDIT EMI 2605 32	32	25 (1”)	32 (1-1/4”)	8.9	105	50 (164’)
ROUNDIT EMI 2605 38	38	32 (1-1/4”)	38 (1-1/2”)	10.6	120	35 (114’)
ROUNDIT EMI 2605 45**	45	38 (1-1/2”)	45 (1-3/4”)	11.9	140	35 (114’)

*Nominal size is determined by wrapping the product around a mandrel of a given size to obtain 90 degrees of overlap (average value).

** Size 45 has 80 degrees of overlap (average value).

Commercial Part Number

Example	Product Name	Size	Color	Quantity
	ROUNDIT EMI 2605	13	8 (Light gray)	175 m

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EMEA: (33) 3 44 39 06 06 • **Japan:** (81) 45 330 0300 • **China:** (86) 21 6182 7560
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