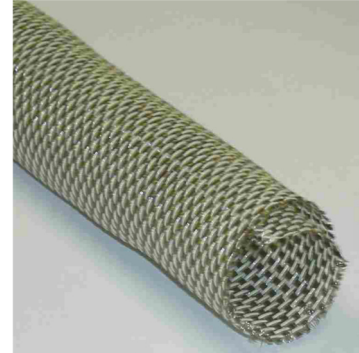


## Roundit V0 EMI, Zero Halogen EMI shielding

ROUNDIT V0 EMI is a wrap-around sleeving designed for high performance EMI shielding of wire and cable bundles. ROUNDIT V0 EMI 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 V0 EMI 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 V0 EMI enables users to stock a limited range of sizes to cover a wide range of cable and wire diameters. ROUNDIT V0 EMI has many applications in the railway, marine and electronics industries.



### Product facts of Roundit V0 EMI

- High performance EMI shielding
- Halogen free
- EN 45545-2
- UL 94 V0 Raw Material
- ASTM E-162, ASTM E-662, BSS 7239, SMP 800-C
- Self-wrapping design
- Easy installation
- Ideal for reworking components without disconnecting them

### Dimensions in mm

Partnumber	Nom. Size	Rec. Application Range		Cross Section mm <sup>2</sup>	Weight g/m	
		Min.	Max.			
Roundit V0 EMI 8	5667500808S	8	5	8	3.5	40
Roundit V0 EMI 13	5667501308S	13	8	13	4.8	55
Roundit V0 EMI 19	5667501908S	19	13	19	5.9	66
Roundit V0 EMI 25	5667502508S	25	19	25	6.9	80
Roundit V0 EMI 32	5667503208S	32	25	32	8.9	105
Roundit V0 EMI 38	5667503808S	38	32	38	10.6	120
Roundit V0 EMI 45	5667504508S	45	38	45	11.9	140

Property	Test Method	Result
Operating Temperature Range		-50°C to +200°C
Heat Aging	EN6059-302 (168 hours)	+200°C
Fire / Smoke / Toxicity	UL 94 BS6853 EN 45545-2 DB DIN 5510 § 2 & 54837 SMP 800-C – BSS 7239 ASTM E 662 - ASTM E 162	Raw Material classified V0 Zero Halogen R22 HL3, R23 HL3 S4, SR2, ST2 Pass Pass
EMI Performance	IEC 62153-4-3 EN 3475-301	Lt = 1.2 nH R0 max all sizes = 6 mΩ
Fluid Resistance - Hydraulic Fluids (NATO.0.156)	EN 6059-309 Immersion for 24h at +70°C	No visible degradation

**Transfer impedance measurements**  
**ROUNDIT V0 EMI size 08, 13, 19, 25, 32, 38 & 45 - Straight**  
**(Nickel Plated Copper)**

