

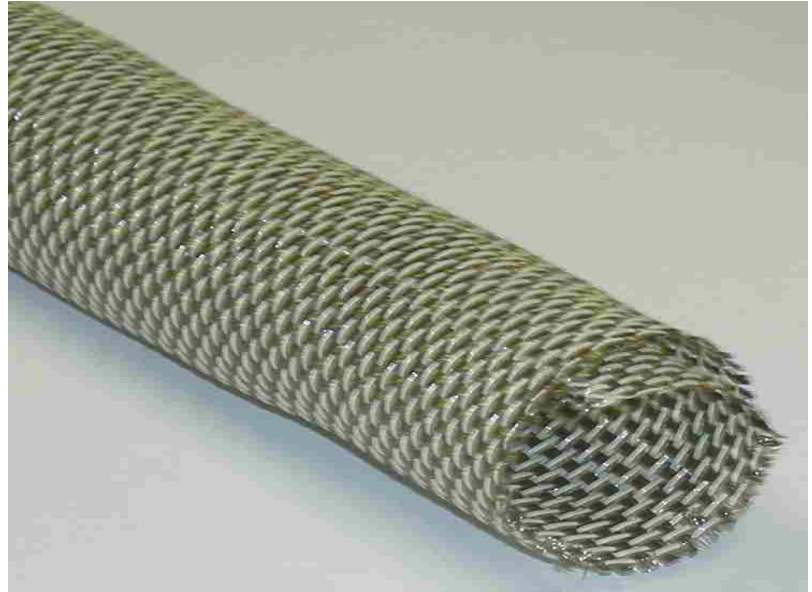


Roundit™ V0 EMI

Project Datasheet

Product Highlights

- Working Temperature -50°C to +125°C
- Self-wrapping design
- Self extinguishable
- Zero Halogen
- UL 94 V0 Raw material
- Cu/Sn metal
- EMI protection



Typical Applications

- Easy installation for local EMI protection
- Ideal for protecting in between connectors without disconnecting them

Roundit V0 EMI is a wrap-around sleeving designed for EMI shielding of wires and cable bundles. Roundit V0 EMI is manufactured from UL 94 V0 rated polyester monofilaments and tin plated copper wires.

The self-wrapping feature of Roundit V0 EMI allows for quick and easy installation and removal of the product for assembly and maintenance. Roundit V0 EMI may be installed or removed without any manipulation of connectors or fittings and is an ideal solution where breakouts are necessary.

To ease installation, a special assembly tooling, "Roundit-Tool" has been designed.

Roundit V0 EMI has many applications in the railway, marine 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 9000, QS 9000 or ISO/TS 16949 and ISO 14001

E_RV0EMI 11/04/2008

Performance Data - Roundit™ V0 EMI

Property	Test Method	Result
Working temperature		-50°C to +125°C
Filament melt temperature		+240°C
Fire / Smoke / Toxicity	UL 94 NF 16 101- 16 102 DB DIN 5510 §2 & 54837 UNI CEI 1170-3 Ed 2005 BS ASTM E 662 – ASTM E 162	Raw material classified V0 Pending Zero halogen S4, SR2, ST2 Upon request Pending Pass
EMI Performances	IEC 62 153-44	50 kHz to 500 kHz = 65 dB* 500 kHz to 1 MHz = 60 dB* *tested on size 38
Fluid resistance: - Hydraulic fluids: NATO.0.156	EN 6059-309 Immersion for 24hrs at +70°C	No visible degradation after being exposed

Sizes

Description	Nominal Size * (mm)	Recommended application range (mm)		Standard Packaging (m)	Maximum Mass (g/m)
		Min. Ø	Max. Ø		
Roundit V0 EMI 8	8	5	8	50	41
Roundit V0 EMI 13	13	8	13	50	52
Roundit V0 EMI 19	19	13	19	25	73
Roundit V0 EMI 25	25	19	25	25	80
Roundit V0 EMI 32	32	25	32	25	102
Roundit V0 EMI 38	38	32	38	25	121
Roundit V0 EMI 45	45	38	45	25	145

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

Part Numbering System

Example: Description	Size	Color	Quantity
Roundit V0 EMI	13	8 (Light grey)	50 m

Availability

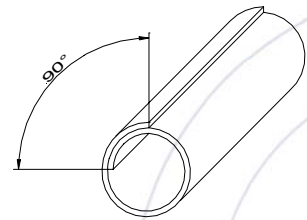
Roundit V0 EMI is available in different sizes from 5 to 45 mm. The standard color is light grey.

Roundit V0 EMI is supplied on cardboard spool.

Packaging following GALIA (ODETTE) standard.

A professional assembly tool "ROUNDIT-TOOL" is available on request for sizes 5, 8, 13 and 19

All numeric data shows average or



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Europe: (33) 3 44 30 39 00
China: (86) 21 5588 0898
Japan: (81) 45 938 8711
USA: (1) 800 926 2472

www.federal-mogul.com/sp