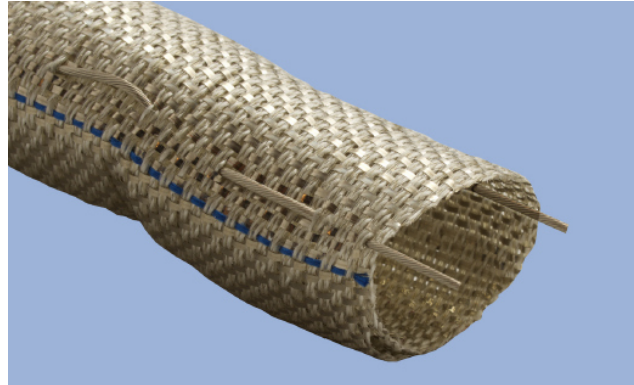


Roundit EMI DW, wrap-around shielding with grounding wires

ROUNDIT EMI DW is a wrap-around sleeving designed for high performance EMI shielding of wire and cable bundles. ROUNDIT EMI DW is manufactured from UL 94 V0 rated PPS monofilaments and nickel plated copper wires according to ASTM B-355. The self-wrapping feature of ROUNDIT EMI DW allows for quick and easy installation and removal of the product for assembly and maintenance.



The textile pattern incorporates drain wires which once pulled out of the construction by a simple manual operation can be crimped to a nearby grounding point. 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 DW enables users to stock a limited range of sizes to cover a wide range of cable and wire diameters. ROUNDIT EMI DW has many applications in the railway, marine and electronics industries.

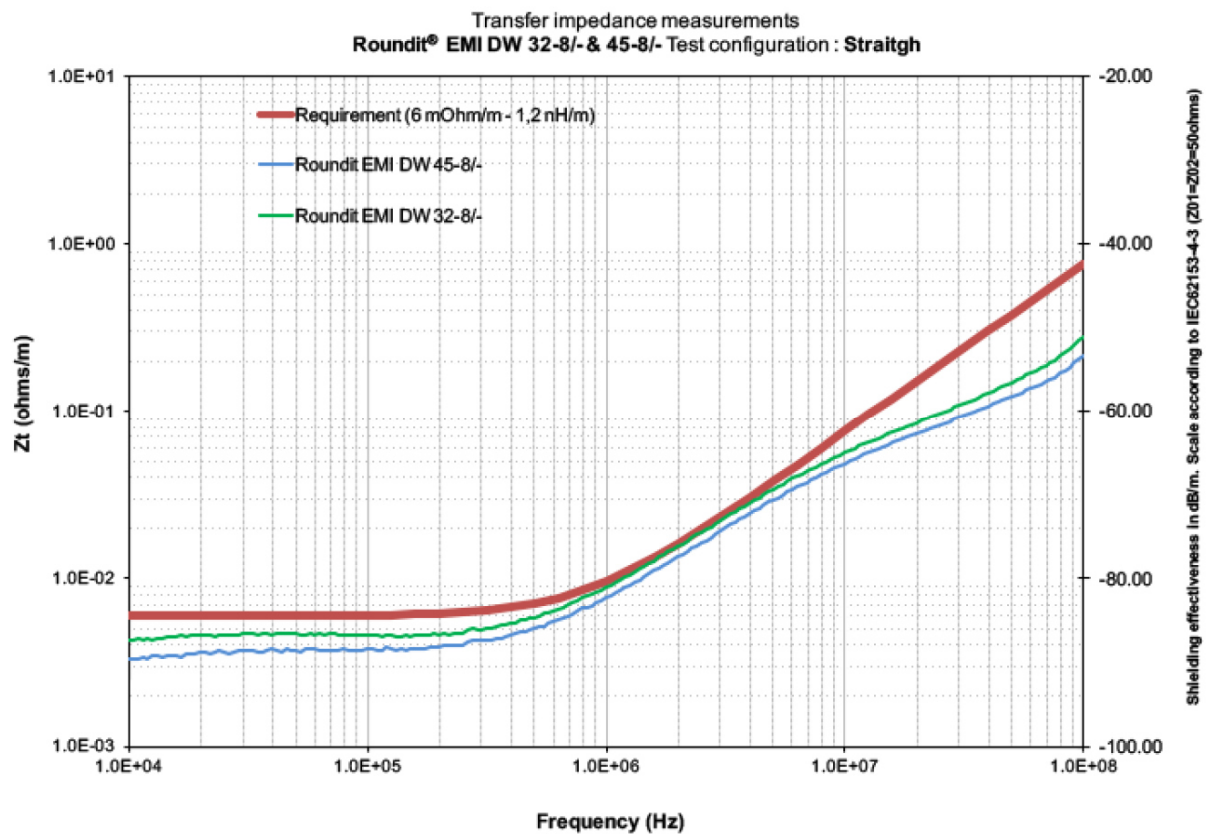
Product facts of Roundit EMI DW

- High performance EMI shielding
- Halogen free
- Integrated drain wires for easy grounding without accessories
- 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

Part Number	Rec. Application Range		Sleeve cross section	Drain wire cross section
	min.	max.	mm ²	mm ²
ROUNDIT EMI DW 19-8	13	19	4.5	2 x 1.23
ROUNDIT EMI DW 25-8	19	25	5.1	3 x 1.23
ROUNDIT EMI DW 32-8	25	32	7.7	3 x 1.23
ROUNDIT EMI DW 45-8	32	45	10.4	3 x 1.23

Property	Test Method	Result
Physical		
Operating Temperatur Range		-50°C to +200°C
Heat Aging	EN6059-302 (168h)	+200°C
Fire / Smoke / Toxicity	UL94	Raw material classified V0
	EN 45545	R22: HL3, R23: HL3
Nickel plated copper	ASTM B-355	Nickel plated copper
Chemical		
Fluid Resistance	EN 6059-303	
- Hydraulic fluids: NATO.0.156	Immersion for 24h at +70°C	No visible degradation after being exposed
	D47 1924	
Salt spray resistance	EN2591-307 (96h)	Pass
EMI Performance		
Resistance Measurement	EN 3475-301	R0 max all sizes = 6mΩ
Transfer Impedance	IEC 62153-4-3	Lt = 1.2 nH



Federal Mogul / Tenneco / Bentley Harris