

## Product Highlights

- Operating temperature up to +150°C (+302°F)
- Provides electromagnetic shielding
- Self-wrapping design
- Integrated drain wire for proper grounding

## Typical Applications

- Instrument panel harnesses
- Engine compartment harnesses
- Battery cables
- Interior harnesses

**ROUNDIT® 2000 S EMI** is a self-wrapping sleeve designed to provide >30dB of electromagnetic (EM) screening attenuation. 316L fine stainless steel wire is combined with polyester yarn to create a wrappable product that offers flexibility and consistent shielding protection in corrosive environments. The product features an acrylic/silicone coating to prevent end fray and enable cold cutting for specific product lengths.

Unlike foils and films, ROUNDIT 2000 S EMI is durable and tear resistant, enabling it to provide long term protection. The product is engineered to reduce installation time, accommodate breakouts and can be installed over completed assemblies. An optional 19 AWG, 316L stranded stainless steel wire is integrated into the sleeve for electrical grounding purposes.



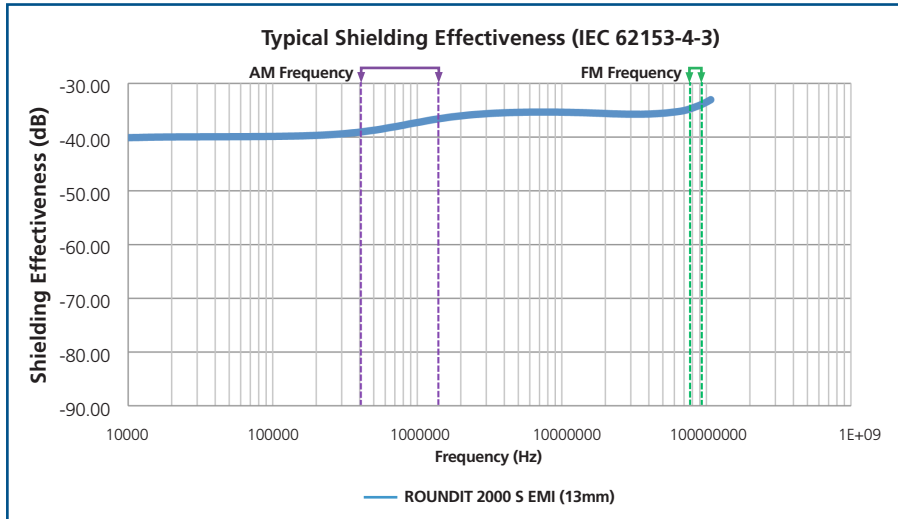
Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

# Performance Data – ROUNDIT® 2000 S EMI

Property	Test Method	Result
Temperature Rating	240 hours at +175°C (+150°F) rating	Pass +150°C (+302°F)
Low Temperature Flexibility	BH100-016A	Pass -70°C (-94°F)
Flammability	SAE J369	Self-extinguishing
Fluid Resistance	BH100-003B	Pass
Salt Spray Endurance	ASTM G85	Pass - no corrosion
Shielding Effectiveness	IEC 62153-4-3	See graph below

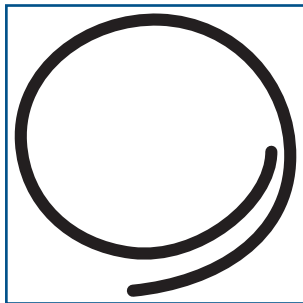
All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

## Shielding Effectiveness of Sleeving



## Availability

ROUNDIT 2000 S EMI is available in a range of sizes and cut to your specification. Color is black. Please contact your sales representative for availability.



End view of ROUNDIT 2000 S EMI illustrating self-wrapping construction.

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