



ABRASION/MECHANICAL



EMI

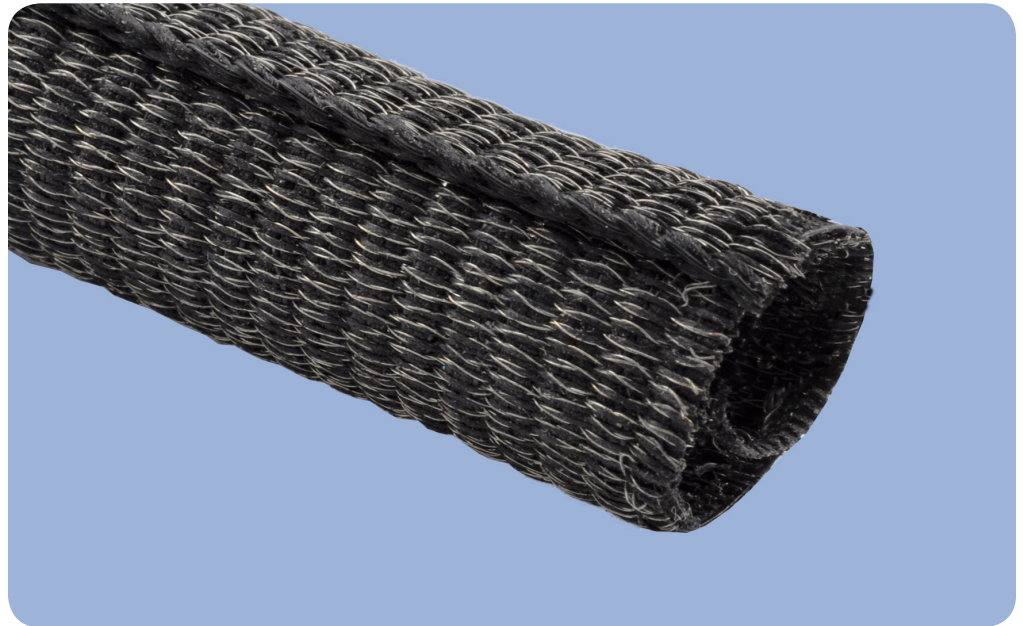
ROUNDIT® 2000 Cu EMI

Product Highlights

- Operating temperature up to 150°C
- Provides electromagnetic shielding
- Abrasion resistant
- Self-wrapping design

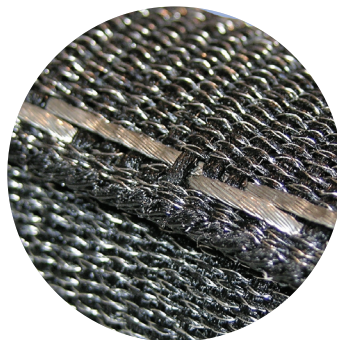
Typical Applications

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



ROUNDIT® 2000 Cu EMI is a self-wrapping sleeve designed to provide >40dB of electromagnetic (EM) screening attenuation with the added benefit of abrasion protection and wire bundling. Tinned copper 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 Cu 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.



Special version available with integrated tinned copper drain wires for electrical grounding purposes.



Our manufacturing sites are certified ISO 9001, ISO/TS 16949, or AS/EN 9100, and ISO 14001

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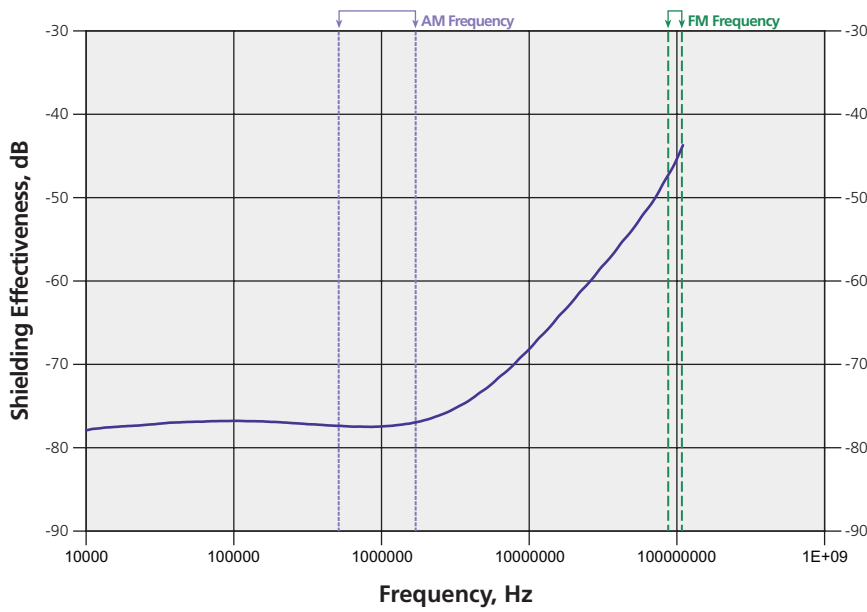
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Performance Data – ROUNDIT® 2000 Cu EMI

Property	Test Method	Result
Temperature Rating		150°C
Flammability	SAE J369	Self-extinguishing
Shielding Effectiveness	MIL-C-85485A	See graph below
Low Temperature Flexibility	BH 100-016A	-70°C
Fluid Resistance	BH 100-003B	No degradation in most automotive fluids

All numeric performance data shows average or typical values.

Typical Attenuation per IEC 62153-4-4 (Size 10mm)



Availability

ROUNDIT 2000 Cu EMI is available in 5, 8, 10, 13, 16, 19, 25, 32 and 38mm diameters on spools or cut to your specifications. Minimum length for cut pieces is 50mm.

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