



CUSTOM-ENGINEERED SHIELDING PRODUCTS

METEX has been a pioneer in EMI/RFI gasketing and shielding products for more than five decades. In fact, METEX developed the very first EMI/RFI gasket to help MIT solve a severe interference problem for the earliest high-power, high-frequency airborne radar.

That pioneering spirit is still alive today—with a complete line of military and commercial-grade EMI/RFI shielding solutions.

As communications and information technologies expand, the need to provide EMI/RFI solutions becomes more critical than ever before.



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SHIELDED BRAIDED SLEEVING AND BRAIDED ROPE

Shielded Braided Sleeving

Metex shielded braided sleeving is ideal for applications requiring shielding and temperature or abrasion protection, lubricity, extra strength or other critical applications. Materials include Polyester, Nylon, Fiberglass, Teflon®, Kevlar® and other manmade fibers knitted over a shielded spring tube

Due to its unique construction, the sleeving fits easily over hoses and cables, yet provides a secure and snag-resistant cover. Our sleeving is extremely flexible, allowing for expansion and easy conformance to shapes and contours.

The braiding process creates a consistent wall thickness ensuring complete coverage and optimum performance. Sleeving can be custom designed to the specifications of a particular application.

Metex shielded braided sleeving is used to insulate steam tracer lines in oil refineries, as thermal and electrical insulation for the wire and cable industry, for covering tines in metal refining, foundries and steels mills, and wherever else shielding, insulation or protection is required.

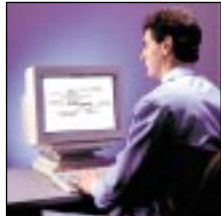
Our braided sleeving is available in 1/8" – 24" i.d. (inside diameter), custom designs, and as braided sleeving over inconel or stainless steel mesh core.

Shielded Braided Rope

Metex shielded braided rope is an extremely strong, resilient and flexible fiberglass rope knitted over a shielded spring table. The special braiding process enables it to spring back to its original shape after compression, making it an excellent choice for gaskets that act as a heat break or door seal. Our aramid ropes allow high strength and controlled elongation to be engineered into the final design while retaining good handling characteristics.

Ropes can be manufactured to meet a variety of requirements including high strength, abrasion protection, high temperature, light weight and many other critical requirements. Most manmade fibers are available.

Our braided rope is available in .04" – 4" diameter, round, square and rectangular configuration, and custom specials.

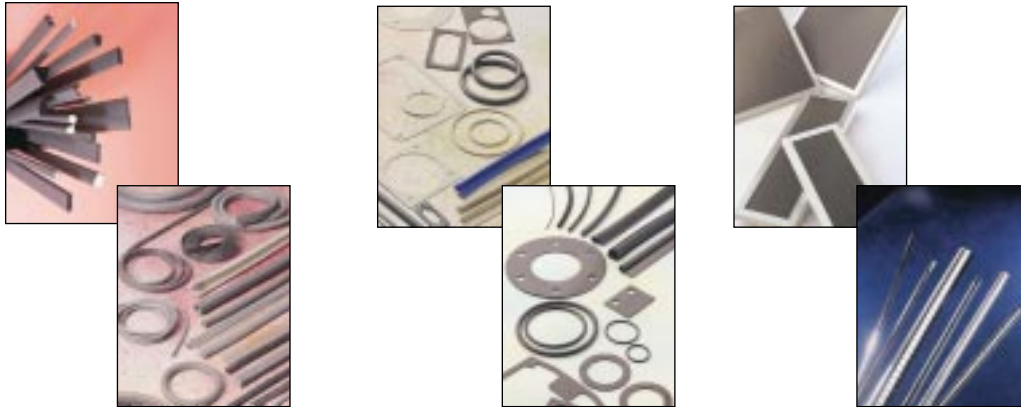


Complete support—from technical review to design and application assistance



World-class EMI/RFI manufacturing capabilities





Metex Electronic Shielding Products

The diversity and versatility of our product line enables Metex to offer a wide range of custom solutions to optimize shielding effectiveness. We provide both off-the-shelf and custom designs in commercial and military-grade materials to ensure EMC integrity and quality. From prototype to volume production, our product line includes:

- Knitted Wire Mesh
- Vent Panels/Mesh Screens
- Spring Fingers
- Conductive Fabric
- Oriented Wire
- Braided Sleeving
- Shielded Windows, Instrumentation and Rooms
- Conductive Silicone Adhesive
- Shielding Tape/Foil Laminates
- Fabric Over Foam Gaskets
- Connector Gaskets
- Braided Rope
- Wire Mesh Gaskets

Our **Shielded Braided Sleeving and Braided Rope** continue a long-standing Metex tradition of integrating the right designs, materials and production methods to meet customer needs for optimal performance at the lowest possible cost.



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