

BOARD, ENCLOSURE & CABLE SHIELDING

PRODUCTS & CAPABILITIES OVERVIEW



**LEADER
TECH** 
a HEICO company

The Leading Edge in EMI Shielding Technology



The Leading Source for EMI Shielding and Applications Support!

From our Global EMI Shielding Technology Center located in Tampa, Florida, Leader Tech partners with many of the world's most respected commercial, consumer and military electronics manufacturers. Our unique consultative business approach allows us to become as an integral part of your application support team and develop precision engineered EMI shielding solutions.

A simple call to our application engineering team is all it takes to access decades of EMI shielding solutions, engineering and manufacturing expertise. Leader Tech has the answers you need, whether it's a simple board redesign, a legacy product upgrade or the development of a next-gen shielding solution for your NPI launch. Our dedicated engineering team is ready to provide you with unparalleled support and responsiveness.

Core Product Lines

- Circuit board shields
- Enclosure shielding gaskets
- Cable shielding FerriShield Ferrites
- Speciality Shielding Materials

Market and Application Expertise

- Military
- Aerospace
- Medical
- Commercial
- Integrated Communications

Product Life-Cycle Specialists

- Initial design
- 3D modeling
- Prototype delivery
- Low-volume production
- High-volume manufacturing



For more detailed information and technical data on any of the product lines shown call our Sales Engineering Team or visit www.leadertechinc.com!

866-TECH-EMI

Circuit Board Shielding

Diverse board-level shielding solutions for all electronic applications.

From small footprints and low-profile applications to multilevel board designs, we offer a wide selection of standard, modified standard and custom board level shielding products to fit your exact specifications.

Unrivaled Engineering Support

- 3D modeling
- Application specific solutions
- Legacy shield support

Tailored Product Line Options

- Standard shields
- Modified options
- Slot-Lok designs
- Custom shields

Lead Times to Fit Your Production Schedule

- Quick-turn prototypes in 3 days or less
- Production runs in as little as 5 days

Industry Leading Performance

- Excellent shielding performance
- Cover retention reliability
- Quality standards

Design Flexibility

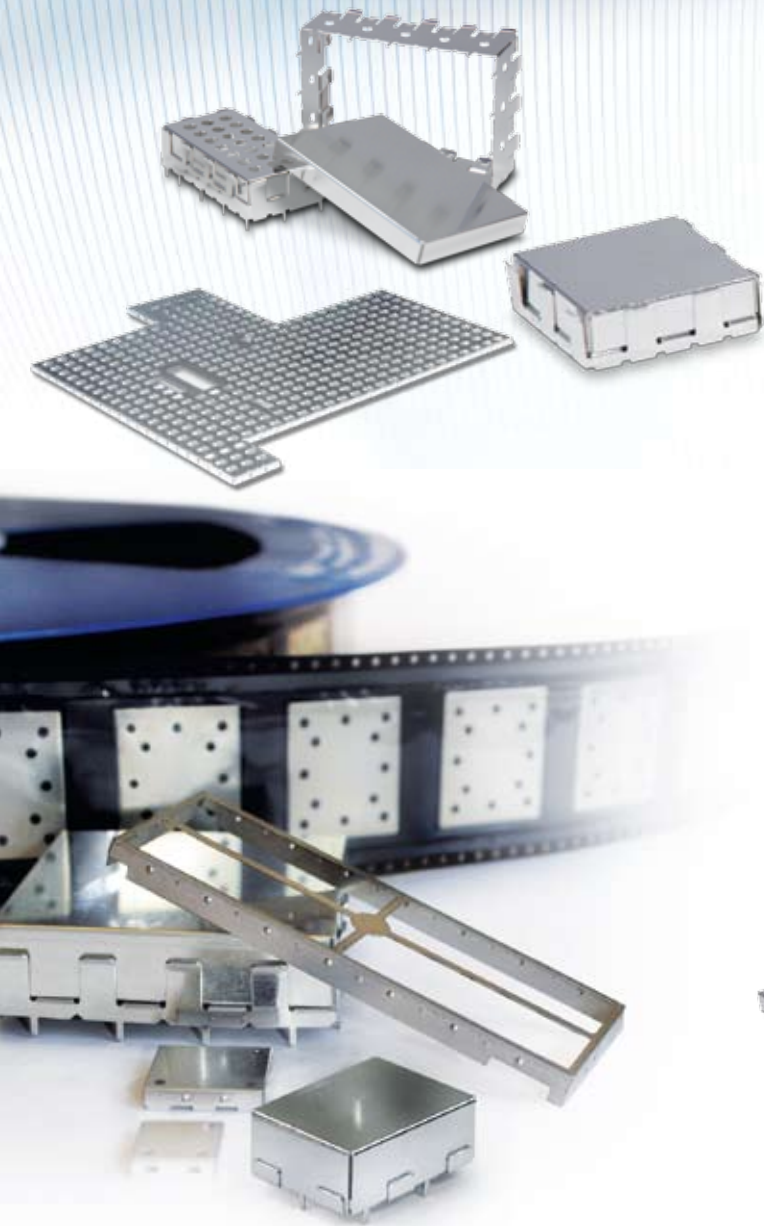
- Shields to fit any board layout
- Low profile solutions
- Surface mount and through-hole options
- Multi-cavity design options
- Standard options – vent holes, notches, standoffs

Cost-effective Manufacturing Methods

- Off-the-shelf tooling solutions
- Prototyping
- Midrange techniques
- High volume – progressive & multi-slide tooling
- Packaging – tape & reel, trays

Diverse Material and Plating Selections

- Carbon Steel, Nickel Silver, Mu Metal
- Phosphorous Bronze, Brass, Copper
- Tin, Nickel, Silver, Gold, Others



Call 866.Tech.EMI for a product sample or a free quote.

EMI Enclosure Shielding

Leader Tech offers an extensive line of advanced enclosure shielding products and specialty materials. Our product development and engineering teams work closely together to create new and innovative solutions for your unique application requirements.

Beryllium Copper Fingerstock Gaskets

- Over 200 standard profiles
- Highest electrical contact performance
- Most resistant to stress relaxation

FSG- Fabric Shielding Gaskets

- Lightweight and easy-to-install
- 125 standard profiles and die-cut shapes
- Extremely low compression force

TechSIL 5000 Conductive Elastomers

- Military and aerospace-grade gasketing
- Excellent environmental protection
- Extruded, molded, sheet and die-forms

TechSIL 8000 Oriented Wire

- Excellent shielding and environmental protection
- Solid or sponge silicone elastomer substrate
- Available in strip, sheet, die-cut & fabricated forms

TechMESH Knitted Wire

- Ideal shielding gasket for enclosure seams & joints
- (4) Standard profiles
- Optional neoprene or silicone sponge core

TechMESH Combo Strip Gaskets

- Extreme-climate environmental gasket bonded to highly conductive wire mesh
- Operational temperature from -103 to 500°F
- (3) Solid and sponge gasket material options

TechVENT Honeycomb Panels

- Ready-to-Install shielded ventilation panels
- (6) Frame styles for diverse enclosure applications
- Standard and cross-cell honeycomb construction

CFS Conductive Foam Shielding

- High shielding effectiveness
- Low compression
- Low surface resistivity
- Great for intricate die-cuts



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Cable Shielding

FerriShield Ferrites are the preferred cable shielding solution for many of the world's leading EMI Shielding Distributors, Sales Representatives and OEM's.

We continue to expand our custom application ferrites in addition to maintaining the world's largest in-stock selection of bisected and solid core ferrites.

Simply one of the most flexible and cost-effective cable shielding solutions on the market.

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A passion in all we do

4 Frequency-Specific Ferrite Formulations

- 28 Material - Wideband Ferrite *(Most Popular)*
- 33 Material - Low-Frequency Ferrite
- 25 Material - High-Frequency Ferrite
- 20 Material - Bluetooth/Microwave Ferrite

1,000s of Styles and Sizes

- Solid and Bisected Styles
- I.D.'s from .034" to 6.6"
- Round, Square & Flat Shapes
- Special application designs

10 Flexible, Quick Mounting Options Integrated Mounting Options:

- Snug Cable-Fit
- Button Mount
- Adhesive Mount
- Screw Mount
- Flexible-Grip End Ports

2-Piece Mounting Options:

- Cable Tie Base
- Press Fit Base
- Adhesive Mount Base
- Screw Mount Base
- Screw Mount Strap



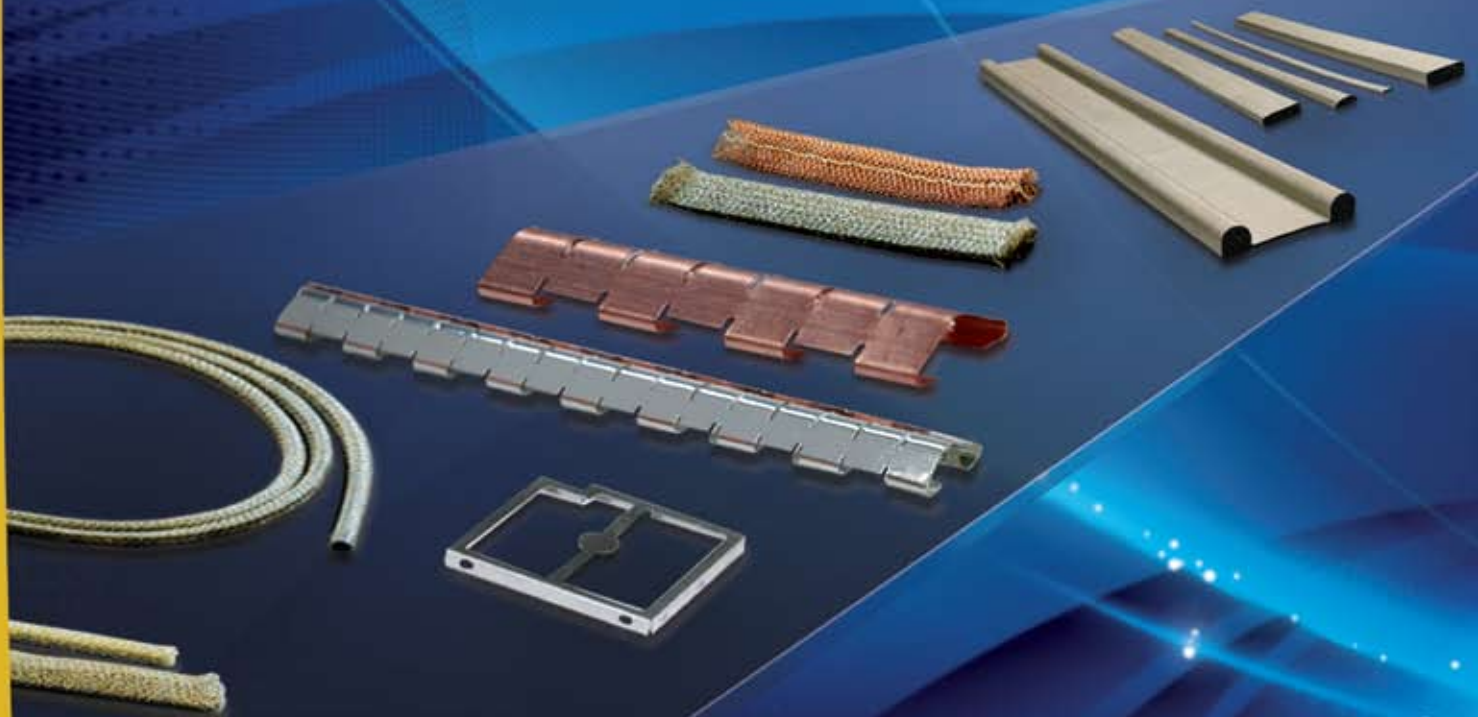
 **FerriShield**[®]
Ferrite Suppressors

Visit www.LeaderTechInc.com for catalog downloads.

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CERTIFIED

