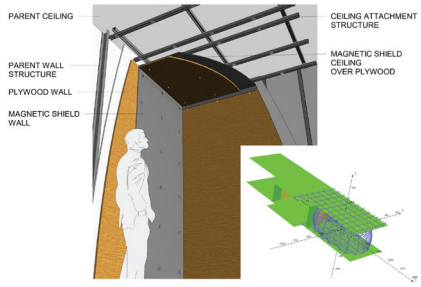
# MEDICAL SHIELDING MAGNETIC MRI SHIELDING




**MAGNETIC MRI SHIELDING**

- **MRI Shielding**
- **DC (static) Magnetic Shielding**
- **Assortment of Available Shielding Materials**

**ETS-Lindgren's Magnetic MRI Shielding** effectively protects against MRI magnetic field exposure, maintaining safe environments and ensuring MRI performance. With industry-trusted M36 silicon steel and C1006 plate steel as primary materials, our magnetic shielding solutions are built to provide robust containment for both clinical and research applications. We also accommodate custom materials and designs upon request to meet specific project needs.

### Why Use Magnetic Shielding?

Magnetic shielding may be necessary depending on the location of your MRI system—especially if the magnetic field extends beyond the MRI room or if external magnetic sources could interfere with its performance. Most facilities adhere to FDA guidelines, which recommend limiting DC magnetic fields in public areas to 5 Gauss (5G) or less, although stricter standards may apply or unique site requirements may need additional field containment.

### Material Options

ETS-Lindgren offers M36 silicon steel as the industry standard for MRI magnetic shielding, providing reliable, consistent field containment. C1006 plate steel is another option, adding flexibility to address varying field requirements. Our shield design experts can help determine the best material based on MRI OEM recommendations and your facility's unique needs, including options for custom materials as needed.

### Plan Your Shielding with ETS-Lindgren

Selecting and coordinating the correct magnetic shielding early in your facility planning process ensures seamless integration with MRI systems and structural designs. ETS-Lindgren offers support throughout, from shielding modeling and design to installation, as part of a comprehensive MRI shielding solution. We're here to help you implement shielding that aligns with both regulatory standards and operational goals, maintaining a safe and effective MRI environment.





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