

IMPERVIUS™ MRI Soldered Copper System

Copper durability. NELCO dependability.

For resilience and tight working conditions, the IMPERVIUS Soldered Copper Shielding System combines the most highly conductive, least corrosive shielding material, along with the versatility of being formed to fit any room shape regardless of how complex it might be.



All components required for the RF shield are provided and installed by NELCO Worldwide, including RF door, RF window, RF filters and waveguides. Site-specific magnetic shielding and MRI-specific equipment interfaces are also installed by NELCO Worldwide. Additionally, the Soldered Copper Shielding System requires the least manufacturing time, so the time from approval to site delivery is less than the time for RF panel construction systems.



Safety
for
life

Features and Highlights

VERSATILITY

- The Soldered Copper Shielding System is copper sheeting that lines a wood surface, usually plywood. No matter how complex the shape of the MRI room, the copper sheeting conforms easily.

RF PERFORMANCE

- Copper shielding material provides the best resistance to galvanic corrosion and ensures longevity that exceeds the life of the MRI equipment.
- Meets or exceeds the MRI vendors' specifications and is often the preferred material over Galvanized or Aluminum.

TIME SAVINGS

- Because this is a soldered system, most of the work is done in the field, so there is very little time required to manufacture the RF shielding system. It's the very best solution when your time from manufacture to install is less than typical.

SPACE SAVINGS

- When wall space is at a premium, the Soldered Copper System offers the thinnest cross-section and thus maximizes the interior space available.

Top-Line Tech Specs

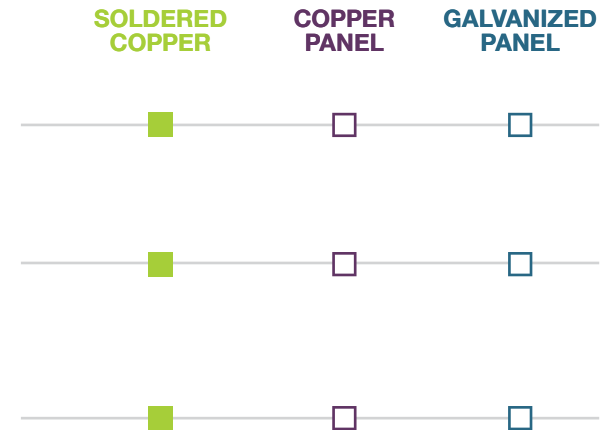
PRODUCT

IMPERVIUS™ MRI Soldered Copper System

Requires least fabrication time, ships fastest for installation

Seams form monolithic RF membrane, no mechanical joints

Can attach to parent walls and ceiling, requires least space for RF shielding envelope



Related Products or Services

- IMPERVIUS™ Ambient Lighting. Serene Imagery.
- IMPERVIUS™ MRI Galvanized Panel System
- IMPERVIUS™ MRI Copper Panel System
- IMPERVIUS™ Healthcare Accessories
- GUARDIAN™ MRI Door System