



RF & ELECTROMAGNETIC SHIELDING EXPERTS



RF & MAGNETIC SHIELDING SOLUTIONS FOR MRI FACILITIES

Elevate your MRI environment to new heights of performance, reliability, and safety with Gaven's exceptional product and service bundles, precisely designed for your project.

1.724.352.8100



gavenindustries.com



ABOUT US

At Gaven Industries, we specialize in both RF and EMI shielding, and our expertise is at the core of our MRI Shielding solution. Backed by years of industry experience, and over 3,000 MRI facility installations, we have perfected the art of creating high-performance shielding solutions that meet the most stringent standards. Our kits and services are tailored to ensure reliable and consistent shielding effectiveness, delivering a safe environment for patients and staff.

COMPREHENSIVE MRI ROOM SHIELDING SOLUTION

Gaven's MRI Room Shielding Solution are meticulously crafted to meet the needs of general contractors and subcontractors involved in MRI facility projects. Our focus is on providing a seamless installation process and unparalleled quality components, guaranteeing satisfaction for your MRI facility clients.



COMPONENT KIT



INSTALLATION TRAINING



ON-SITE SUPERVISION*



CERTIFICATION & TESTING

* Please note that On-Site Supervision is available for an additional fee.

WE SOLVE THE CHALLENGES OF MRI ROOM SHIELDING

Navigating the intricacies of MRI facility construction comes with its share of challenges. From sourcing individual components to ensuring compliance with stringent regulations, contractors often grapple with complexities that can impact project efficiency. Gaven Industries MRI Room Shielding Solutions are engineered to address these challenges head-on, providing a streamlined approach that simplifies procurement, enhances customization, and ensures adherence to the highest standards.

1 COMPLEXITY IN SOURCING

Gaven simplifies the sourcing process by offering comprehensive solutions that encompass all necessary components and services – eliminating the need to navigate multiple suppliers and their processes, reducing complexities, and saving time.

3 CUSTOMIZATION ISSUES

Our MRI Shielding Kits are designed to accommodate various layouts and specific requirements of MRI rooms. Gaven's kits offer adaptable components and configurations, ensuring a seamless fit for each project's unique specifications.

5 PROJECT DELAYS

By providing a single, cohesive kit, Gaven minimizes the risk of delays associated with coordinating multiple suppliers. Our streamlined process ensures the timely delivery of all components, minimizing the likelihood of delays in construction schedules.

7 COMPLEX INSTALLATION PROCESS

Gaven's comprehensive kits and training streamline the installation process, reducing complexity and the likelihood of errors. The carefully curated components and on-site supervision simplify integration, minimizing extensive rework and lowering overall labor costs.

9 LIMITED EXPERTISE

We support contractors by offering guidance and expertise in selecting and integrating MRI shielding components. Gaven provides recommendations, insights, and resources to ensure optimal material choices and designs for superior performance.

2 INTEGRATION CHALLENGES

Our integrated approach ensures seamless compatibility among components, alleviating the coordination burden on contractors. Gaven manages the delivery and compatibility aspects, facilitating a smoother integration process.

4 QUALITY ASSURANCE

We prioritize quality control at every stage, guaranteeing that all components meet rigorous standards. Gaven's kits undergo thorough quality checks, both at the factory and on the job site, minimizing the risk of installation or operational issues.

6 INCREASED COSTS

Utilizing Gaven's all-inclusive kits reduces overall costs by eliminating additional expenses associated with separate sourcing, handling, and coordination efforts. Additionally, our training, supervision, and testing mitigate potential setbacks in construction timelines.

8 LACK OF SINGLE POINT OF CONTACT

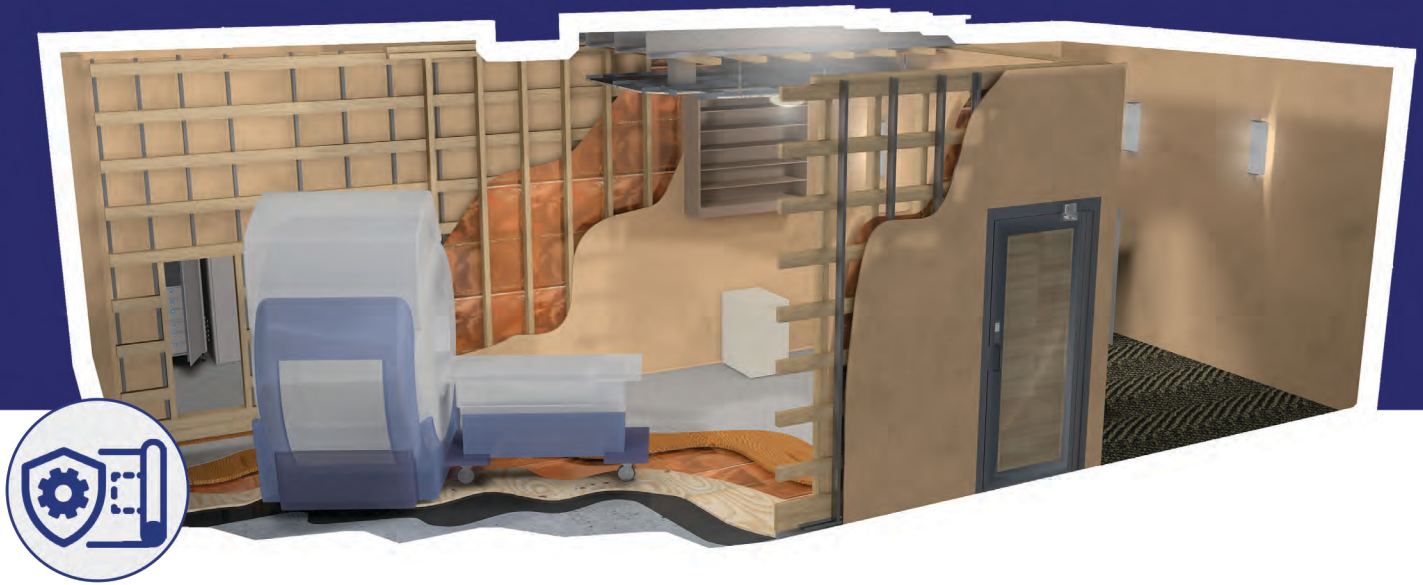
Contractors benefit from a dedicated support system provided by Gaven, offering a single point of contact for inquiries, support, and issue resolution. This streamlines communication and ensures prompt resolution of concerns.

10 REGULATORY COMPLIANCE CONCERNS

Our shielding kits are designed and tested to comply with industry regulations and standards. Gaven's certification and testing ensure that all components meet stringent compliance requirements for seamless adherence to regulatory standards.

COMPONENTS: MRI ROOM SHIELDING KIT

Gaven's comprehensive MRI Room Shielding Kits, built around advanced copper shielding, provide contractors with a seamless and all-encompassing solution. These kits simplify the construction process by offering a variety of components, ranging from RF-shielded doors, patient-view windows, HVAC waveguide vents, pipe penetration waveguides, and EMI-rated power line and signal electrical filters.



COPPER SHIELDING

Gaven's MRI Room Shielding Solution utilizes copper as the core construction material, ensuring high shielding effectiveness. Crafted through modular panel systems and soldered copper sheets, these enclosures effectively block electromagnetic interference, creating a secure MRI environment.

HVAC/PLUMBING PENETRATIONS

HVAC waveguide vents and pipe penetration waveguides are integrated components within Gaven's solution. These elements allow for the necessary ventilation and plumbing connections while preserving the shielding properties of the MRI room, ensuring optimal functionality without compromising shielding effectiveness.

RF-SHIELDED DOORS & WINDOWS

Gaven's RF-shielded doors and patient-view windows are designed to maintain the integrity of the MRI room's shielding. These components are crafted with precision to provide access points while preserving the necessary shielding effectiveness, contributing to both functionality and safety.

POWER FILTERS

Gaven's EMI-rated power line & signal electrical filters are designed to mitigate electromagnetic interference in the power supply and signal lines, contributing to the overall electromagnetic compatibility and reliability of the MRI facility. They play a crucial role in maintaining the quality of power and signal transmission within the shielded environment.

Join the numerous medical facilities that rely on Gaven to provide unparalleled MRI room protection. Contact us at sales@gavenindustries.com to learn more about Gaven MRI Room Shielding Kits.

SERVICES: TRAINING & SUPPORT



INSTALLATION TRAINING

Gaven is dedicated to empowering our clients with the knowledge and expertise needed for successful installations. Our comprehensive, no-cost training provides valuable insights, fostering proficiency and confidence. Participants gain valuable experience, ensuring proficiency and confidence in the installation process. We aim to strengthen the capabilities of our collaborators, fostering a seamless and successful integration of Gaven solutions.



ON-SITE SUPERVISION

Gaven takes pride in offering an enhanced service with on-site supervision and support, going above and beyond to ensure our clients' success. Our experienced team provides hands-on guidance throughout the installation process, guaranteeing that every detail is meticulously addressed. This added layer of on-site support not only exemplifies our commitment to excellence but also offers our clients peace of mind, knowing they have dedicated expertise readily available.



CERTIFICATION & TESTING

Compliance with health and safety regulations mandates regular testing of MRI shielding effectiveness. This testing, a requisite for certifications and licenses, is vital for MRI facility operation. Many providers demand third-party certification to verify precise shield assembly and correct entry point installation.

Gaven recommends both "Initial" and "Final" Shielding Effectiveness tests. The Initial test occurs right after shield installation, and the Final test is conducted post the completion of room finishes. Gaven Testing and Certification assures compliance and provides a robust 10-year warranty for bolt-together systems, emphasizing our commitment to quality and longevity.

PARTNER WITH US

Gaven is not just a partner, we're your reliable companion in success, offering tangible benefits for sustainable business growth and innovation. Our bid support is a robust offering encompassing sales enablement collateral, proposal assistance, and a meticulous Engineering and Design Review process. We go the extra mile by managing submittals for Gaven-engineered solutions, ensuring a seamless and efficient process for our valued partners.

Gaven's lead referral program is tailored to benefit certified installers. When you partner with us, you not only gain certification but also secure a spot in our database, opening doors to a continuous stream of potential opportunities. What's more, our program introduces you to recurring revenue options through service and maintenance programs, providing a stable and lucrative income stream that enhances the financial sustainability of your business.

Ready to take the next step? Contact us today at sales@gavenindustries.com to explore how Gaven can propel your business forward. Your journey to success starts here with Gaven.

ORDERING INFORMATION

SHIELDED ROOM KIT SYSTEM

Gaven Part #	Description
50111	Framing System - Inner Section
50113	Framing System - Chair Corner
50115	Framing System - Outer Section
50121	Framing System - Flat Section Standard
50122	TP Honeycomb Panel
50123	CS, SHT, 24G X 48.000 X 120.000, GALV
103803	6LPHSDS, 1/4 X 3/4
50137	Framing System - Flat Section w/ Counter Sink

* Fully soldered systems are also available upon request.

POWER LINE FILTERS

Gaven Part #	Description
2991	2x30A Filter - LCR
2992	2X1A Filter - LCR

WAVEGUIDES & PIPE PENETRATIONS

Gaven Part #	Description
101045-01	Pipe Penetration 1/2" x 12" (12.7mm Ø x 305 mm)
101045-02	Pipe Penetration 3/4" x 12" (19.1 mm Ø x 305 mm)
101045-03	Pipe Penetration 1" x 12" (25.4 mm Ø x 305 mm)
101045-04	Pipe Penetration 1 1/4" x 12" (31.8 mm Ø x 305 mm)
101045-05	Pipe Penetration 1 1/2" x 12" (38.1 mm Ø x 305 mm)
101045-06	Pipe Penetration 2" x 12" (50.8 mm Ø x 305 mm)
101045-07	Pipe Penetration 3" x 12" (76.2 mm Ø x 305 mm)
101045-08	Fiber Optic Pipe Penetration
1010882-1414	Honeycomb Waveguide, 12" x 12" (305mm x 305 mm)
1010882-1414	Honeycomb Waveguide, 14" x 14" (356mm x 356 mm)
1010882-1420	Honeycomb Waveguide, 14" x 20" (356mm x 508 mm)
1010882-1818	Honeycomb Waveguide, 18"x18" (457mm x 457 mm)
1010882-2424	Honeycomb Waveguide, 24" x 24" (610mm x 610mm)
101045-01	Pipe Penetration 1/2" x 12" (12.7mm Ø x 305 mm)

WINDOWS

Gaven Part #	Description
50000167-3636	Window, View 36" W x 36" H (915 mm x 915mm)
50000167-4836	Window, View 48" W x 36" H (1220 mm x 915mm)
50000167-4848	Window, View 48" W x 48" H (1220 mm x 1220mm)
50000167-6036	Window, View 60" W x 36" H (1525mm x 915 mm)
50000167-6048	Window, View 60" W x 48" H (1525mm x 1220 mm)



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CONTACT US

As leaders in the RF and EMP Shielding Industry, we pride ourselves on our expertise and knowledge. Gaven Industries not only guarantees our work, but also the solutions our experts provide. Let us help with your next project.



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Our
Clients



St. Jude Children's
Research Hospital
Finding cures. Saving children.



National Institutes of Health
Turning Discovery Into Health



UNIVERSITY OF UTAH
HUNTSMAN
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