



***FRANK SHIELDS***



## **SCIF ROOM SHIELDING**

**Sensitive Compartmented Information Facility**

[www.frankshield.com](http://www.frankshield.com)

Ensuring the security of SCIFs against electronic spying and data breaches, Frank shield Shielding Protection Services are meticulously crafted to address the unique demands of SCIF shielding. With an emphasis on confidentiality and technical precision, our services deliver customized RF and EMI shielding solutions, from inception to implementation and beyond.

- Integrated Design & Planning
- Stringent Compliance Oversight
- Construction and Quality Assurance
- Testing & Compliance Assistance



# RF/EMI SHIELDING PRODUCTS FOR SCIF

Frank shield is dedicated to ensuring the highest standard of security within SCIF Rooms and Secure Facilities. Our selection of RF and EMI Shielding Products is meticulously designed to safeguard against even the most sophisticated electronic threats. From our shielded SCIF doors and windows to transportable containers, our products are engineered to integrate seamlessly with your SCIF's design, delivering unparalleled protection and performance.

**GI RF Cage Shielding**

**RF/EMI Shielded SCIF Doors**

**RF/EMI Shielded SCIF Windows**

**Secure Waveguides &  
Waveguide Pipe Penetrations**



## FRANK SHIELDS MODULAR ALUMINUM SCIF SHIELD ROOMS.

Frank shields design, manufacture custom designed modular Aluminum SCIFshield rooms that can be easily installed. The panels are fabricated at our factory and also assembled prior to dispatch of the product to ensure the installation goes smooth at site. These panels are bolts together with stainless steel mesh. The air intake uses our custom design air ventilation system that provides smooth airflow at the same time meets the necessary shield specification and above. The doors and view window are designed and manufactured by Frank Shields and meets the acoustic and RF attenuation values beyond the required values.



## SCIF ROOM DOOR

Our RF Door is manufactured by Frank Shields. The door measures 1300mm in width and 2300mm in height. The door is equipped with specialized door handles and locks to ensure that the necessary acoustic and RF functions can be achieved. The acoustic attenuation of 40dB is minimum assured value of the door. The door is designed to be installed either inside opening or outside opening with hinges on the left or right. This is a specialized door designed by us to give flexibility in case the site changes design at the time of installation of the room.



# HONEYCOMB HVAC WAVEGUIDES

Frank shields Honeycomb HVAC Waveguides are designed to ensure consistent airflow while effectively attenuating in electromagnetic interference (EMI) and radio frequency interference (RFI) shielded environments. These waveguides are indispensable for applications requiring stringent EMI/RFI shielding compliance, such as military installations adhering to ICS 705 standards.



In such environments, where the circulation of air is essential for occupant comfort and equipment climate control, Honeycomb Waveguides offer a seamless integration of airflow management and shielding integrity, ensuring optimal performance without compromising security. With Frank shields Honeycomb HVAC Waveguides, users can experience unparalleled reliability and efficiency, making them an ideal choice for critical environments where both airflow and EMI/RFI shielding are of paramount importance.

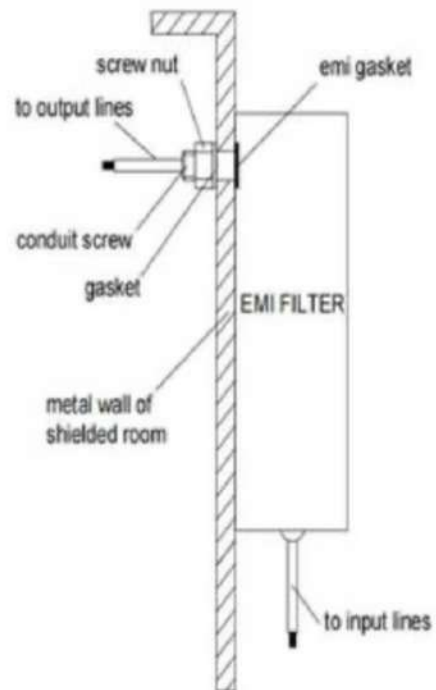


# ELECTRICAL EMI FILTERS FOR SCIF ROOMS

Frank Shields is offering a range of filters for your SCIF (Sensitive Compartmented Information Facility) room. Here's a quick rundown of what each type of filter does:

- 1.EMI Filters: These are designed to block or reduce electromagnetic interference (EMI) that can disrupt sensitive electronic equipment. They help ensure that equipment in the SCIF room operates without external interference.
2. Power Line Filters: These filters are used to clean the power supply by filtering out noise and other unwanted signals from the power line. This is important for maintaining the integrity of sensitive electronic equipment in the SCIF.
- 3.Ethernet Filters: These are used to protect network communications from interference and potential security threats. They ensure that data transmitted over Ethernet networks remains secure and free from external disruptions.
- 4.Control Line Filters: Control line filters mitigate interference and noise in control lines, which are used for sending commands and signals between devices in a system. This ensures that the signals remain accurate and reliable. These filters are crucial for maintaining a secure and interference-free environment in a SCIF room, which is essential for handling sensitive





# Thank You



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