

Deployable RF Shielded / HEMP Containers

MDL Technologies has the capability and experience to provide bespoke deployable RF Shielded Containers to meet the demanding requirements imposed on critical systems and infrastructure by the modern-day HEMP / IEMI, TEMPEST / SCIF and RFI environment.



Our container solutions typically form the primary RF shield and are fully welded by licenced welders and include a 3-part paint system as preferred by the offshore and marine industries. All containers are ISO compliant for ease of transportation. The containers are engineered to meet the requirements of MIL-STD-188-125, DEF-STAN-59-188, SDIP-29, depending on the application. We also provide solutions for data centre containers which can also be designed to provide RFI Shielding as required by the application.

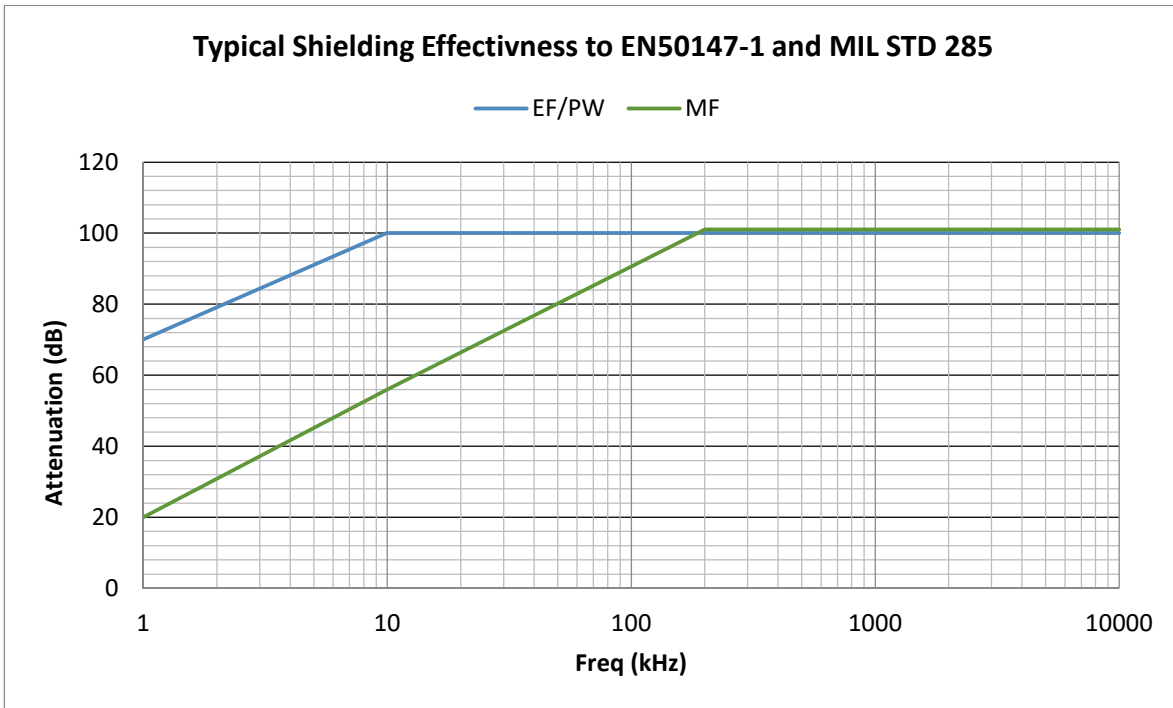


Each container project we work on is bespoke and typically includes its own Internal Finishes, Acoustic and Thermal Insulation, Full Electrical Package, Lighting, Air Conditioning, Dehumidification, Fresh Air Feed, UPS and Solar Power Systems.

As with any RF management solution from MDL Technologies, our containers are supplied with fully shielded penetrations to ensure a complete solution is provided. These include:

- RF Shielded Doors
- RF Shielded Emergency Escape Hatches
- Honey Comb Wave Guide Vents
- Pipe Penetrations
- Fibre Optic Converters
- RF Filters
- Secure Entry and Exit Solutions

At MDL Technologies, we pride ourselves on providing our customers with high quality, engineered solutions. All our container based projects are engineered in 3D at the consultation stage to provide a clear vision of the proposed solution and ensure the communication is clear and the original design intent stays on track.



MDL Technologies have successfully delivered RF Container solutions for many applications including, HEMP / IEMI and TEMPEST / SCIF.

Recently supplied projects have included the following features:

- Keyless Entry
- Automatic Access ramps
- 3-way RF lock with PLC/Pneumatic control
- RF Door Open Alarm
- VESDA Fire Detection System
- Gas based Fire Suppression System
- Sound Masking System

