

|                     |
|---------------------|
| S - Standard        |
| A - Available       |
| N/A - Not Available |

RF Shield Comparison Sheet

Copper RF Shield Medium

Except for a few specific MRI units which require either 2mm thick galvanized steel, or 3mm thick aluminum, copper is the preferred MRI shielding medium.

- It will not rust or degrade if high humidity or moisture comes in contact with the shield .....
- Copper is not affected by vibrations, potentially causing image artifacts. ....
- Copper RF shielding can be warranted for life.....
- Copper must be used in a 10' x10' area below GE MRI units. ....
- Philips recommends against the use of galvanized steel as a shielding medium ...
- Lifetime Warranty on Floor, Walls and Ceiling.....

A Continuously Soldered Copper Floor eliminates need for a clamping system in floor

- Water will not impact the RF performance of a soldered floor system, but can warp panels, potentially compromising the RF seal in a clamped system.....
- Flat copper surface does not require vinyl fill between clamp profiles which may telegraph through finished vinyl flooring. ....
- A continuously soldered floor system is required for cement-based (waterproof) subfloor fill. ....

Cement Based Subflooring

IMEDCO offers a standard wood build-up or a cement subfloor. Both systems are designed to accept vinyl tile. If epoxy flooring is required, or if specific concerns regarding waterproofed materials exist, a cement based subflooring is needed.....

Self-Supporting Ceiling

- Increases shielding longevity/reliability .....
- Eliminates structural borne noise transfer to floor overhead .....
- Eliminates the need for unistrut support overall cost savings.....
- Available as Seismically braced self-supporting system. ....

Acoustic Concerns

- High STC doors are standard in IMEDCO package (40STC / Standard RF Door) .
- Insulation in all RF wall panels.....
- Grade 1 acoustic upgrade option available to reduce airborne noise in neighboring spaces. ....
- Custom Acoustic Packages are available .....

Metal Detection System built into RF door frame.....

- Detect Height of offending object with 12 detection zones (6 left and 6 right).....
- Forward facing indicator lights detect approaching ferrous metals.....
- Indicator posts in doorframe are visible from inside and outside RF suite and not covered by door leaf when door is open. ....
- Focused detection sensors (not omni-directional) concentrate detection zone to region approaching doorway and within doorway.....

Pneumatic Seal RF door

IMEDCO's pneumatic seal RF door is an affordable upgrade to our standard RF door option, and comes with a number of valuable benefits. ....

- Integrated Access Controls (Keypad, Near-Field Card Reader options).....
- <1 sec door release time.....
- Door Seals automatically when closed .....
- Zero-Friction Open/Close.....
- 3 Year Warranty .....

|  | IMEDCO | Lindgren | Gavin | Braden | Universal |
|--|--------|----------|-------|--------|-----------|
|  | S      | A        | A     | N/A    | N/A       |
|  | S      | A        | S     | N/A    | N/A       |
|  | S      | A        | S     | N/A    | N/A       |
|  | A      | A        | A     | N/A    | N/A       |
|  | S      | A        | N/A   | A      | A         |
|  | A      | N/A      | N/A   | N/A    | N/A       |
|  | S      | A        | A     | A      | A         |
|  | S      | A        | N/A   | N/A    | N/A       |
|  | A      | A        | N/A   | N/A    | N/A       |
|  | A      | A        | N/A   | N/A    | N/A       |
|  | A      | N/A      | N/A   | N/A    | N/A       |
|  | A      | A        | N/A   | N/A    | N/A       |
|  | A      | N/A      | N/A   | N/A    | N/A       |
|  | A      | N/A      | N/A   | N/A    | N/A       |
|  | A      | A        | A     | A      | A         |
|  | S      | A        | N/A   | N/A    | N/A       |
|  | S      | S        | N/A   | N/A    | N/A       |
|  | S      | S        | N/A   | N/A    | N/A       |
|  | S      | S        | A     | A      | A         |
|  | S      | N/A      | N/A   | N/A    | N/A       |