

## RF SHIELDED DOOR

### DESCRIPTION:

- Up to 100 dB Shielding effectiveness, smooth operation and low maintenance.
- Safe and secure latching hardware & easily serviceable components.

### FEATURES:

- 2-point cam locking system.
- Doors are designed to open approx. 180 degree.
- Rail Roll gasket used between the door frame and the basic Pan structure.
- Three rows of Copper Beryllium fingers in two pockets are provided for ensuring Shielding effectiveness.
- Available in custom sizes.

### Shielding Effectiveness (SE):

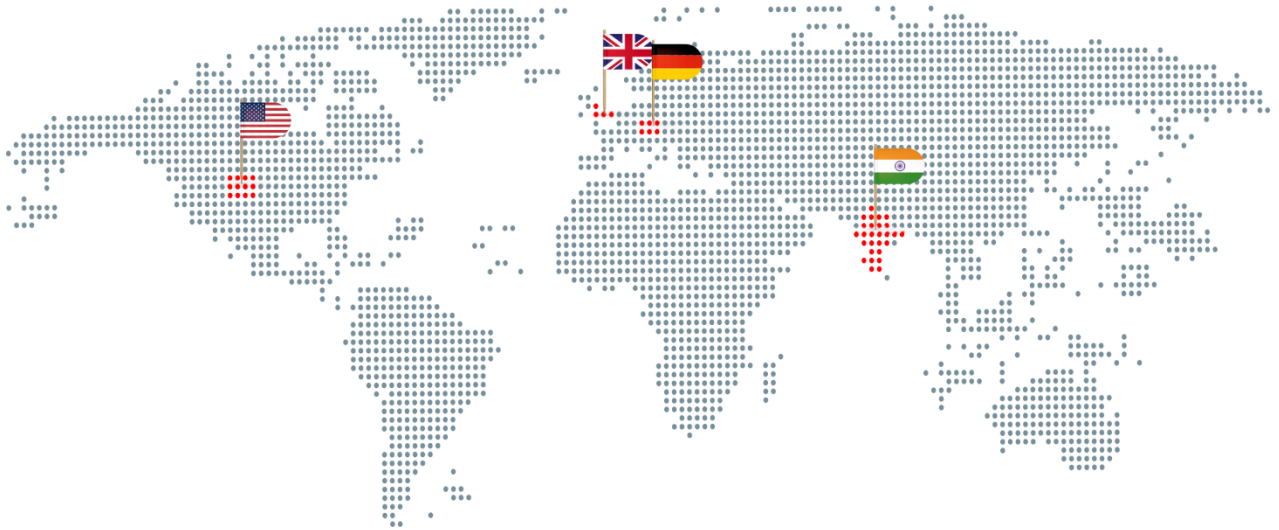
- ❖ SE tested as per either IEEE Standard 299 or MIL Standard 285 or EN 50147-1.
- ❖ NABL Accredited Lab Certified RF Shielded door.

| Frequency         | Field      | Minimum Shielding Effectiveness in dB |
|-------------------|------------|---------------------------------------|
| 10 KHz            | MAGNETIC   | -60 dB                                |
| 100 KHz TO 1 MHz  | MAGNETIC   | -100 dB                               |
| 100 KHz TO 10 MHz | ELECTRIC   | -100 dB                               |
| 100 KHz TO 10 MHz | PLANE WAVE | -100 dB                               |
| 1 GHz TO 18 GHz   | MICROWAVE  | -100 dB                               |
| 18 GHz TO 40 GHz  | MICROWAVE  | -80 dB                                |

### APPLICATIONS:

- ❖ CAT-A Compartment for Naval Ships
- ❖ Faraday cage
- ❖ Shielding Anechoic Chamber
- ❖ Communications room
- ❖ Security room and laboratory
- ❖ Military office

# GLOBAL PRESENCE



**LASER CUTTING** RF & Microwave  
**MARKING** Medical Devices  
**WELDING** Hi-Tech Software  
 Diamond Processing  
 Renewable Energy  
 Cleaning  
 Scribing / Dicing  
 Automations

**DEFENCE & AEROSPACE**  
**MICRO MACHINING**

## SLTL'S STRENGTH

|   |   |   |   |
|---|---|---|---|
| <p>Experience</p> <p><b>34+</b> Years</p> | <p>Mfg. Plants</p> <p><b>6</b> Laying Over</p> <p><b>54000</b> Sq. mtr.</p> | <p><b>10%</b></p> <p>Yearly R&amp;D</p> | <p>Exports</p> <p><b>40+</b></p> <p>Countries</p> |
| <p><b>15000+</b></p> <p>Systems</p>       | <p><b>ISO</b></p> <p>9001-2015</p>  | <p><b>26+</b></p> <p>Patents</p>        | <p><b>29+</b></p> <p>Awards</p>                   |



**CE** An ISO 9001:2015 Certified Company

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