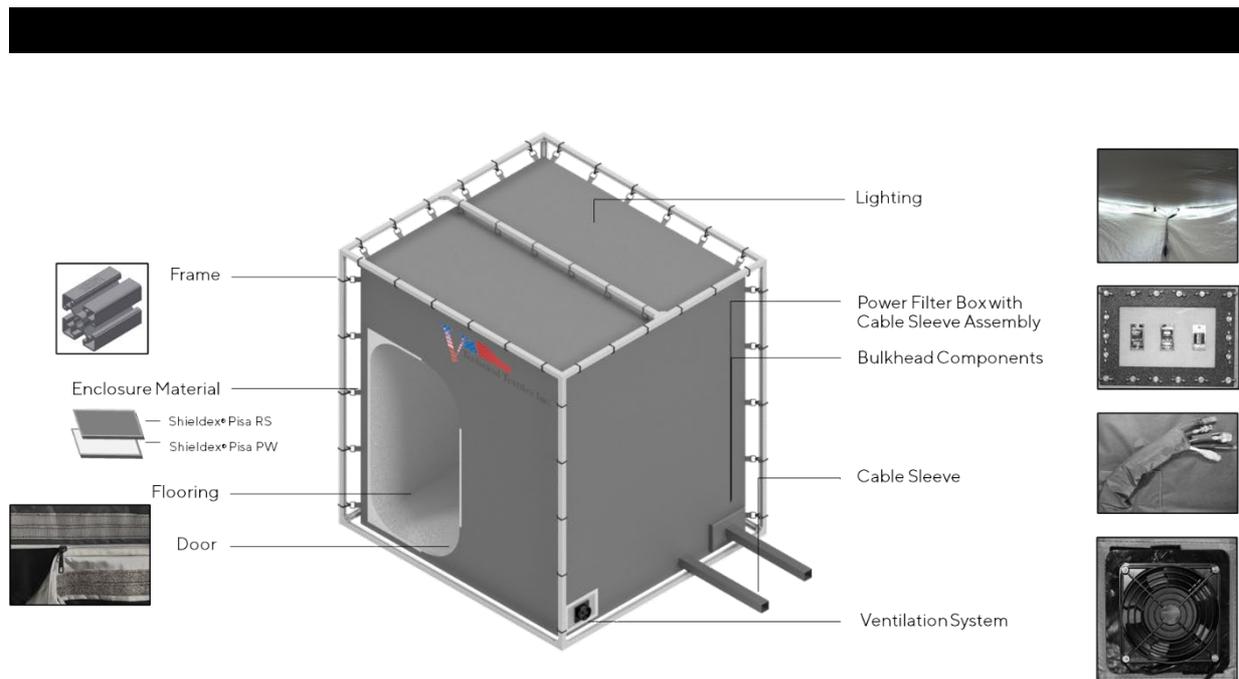


Technical Application Guide

7000 Series



V Technical Textiles, Inc. 7000 Series of portable RF shielded enclosures is a special higher performing series of RF shielding structures. The 7000 series is designed as a mid-cost alternative to solid metal or screened rooms. This shielding solution is made purely from polyester material metallized with copper and nickel. The 7000 series is suitable as a mid-cost alternative for permanent installation.

General Information

VTT's enclosures are available with many valuable options such as ventilation, power panels, filter boxes, windows, and frames.

The standard sizes include [4'W x 4' L x 8' H], [6'W x 6' L x 8'H], [6'W x 8' L x 8' H], [6'W x 12' L x 8'H], [12'W x 12'L x 7'H] but can be custom fabricated to any size or configuration the customer may need such as doors, ventilation systems, bulkheads, power filter boxes and many more.

Technical Specification

Material

2-layer Shieldex® Pisa RS and Shieldex® Pisa PW

Door

Four-layer double door with conductive Zipper and Velcro® closure

Included

Enclosure
Cable Sleeve
Door

Optional (more options available)

Additional Doors
Floor
Endoscope
Bulkhead
Ventilation
Power Filter Boxes
Frame
Lighting
Antechamber
Document Delivery System
Absorber Cards
Storage Boxes

Shielding Effectiveness

Average 65 dB from 0.03 GHz to 18 GHz

Abrasion Resistance fabric

600,000 cycles to electrical performance breakdown

Applications

- RF Shielding chamber for medical, academic, and commercial testing and operation of electronic devices
 - Used by major companies in the aerospace, automotive industries, and military field
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USA Patent

5,908,043 & 6,068,009
Canada Patent
CA2129432

Advantages

- Warranty
- Made in USA
- Cost effective
- Portable and space saving
- Hand- and custom-made



Services (optional)

- Installation service (setup & dismantling)
- Retrofit service
- Repair service
- Rental service

Did we spark your interest ?

More information can be found on our detailed data sheets.
Please do not hesitate to contact us at any time.