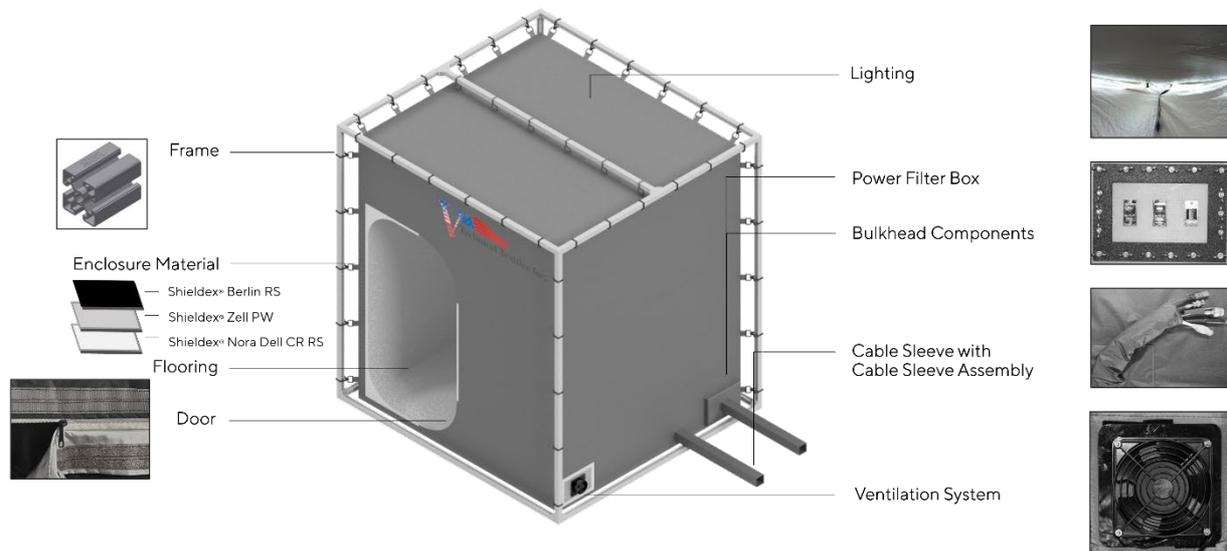




Technical Application Guide

8000T Series



V Technical Textiles, Inc. 8000T Series of portable RF shielded enclosures are the very best high performing RF shielding structures. The 8000T series is designed as a premium, highly durable, cost-effective alternative to solid metal or screened rooms. The 8000T series is one of the premium products among shielding tents. It consists of three layers of silver, copper, and nickel metallized material. Its shielding performance is up to 95 dB in the frequency range from 0.03 GHz to 18 GHz. Thanks to the triple layer, the shielding tent is particularly resistant and can be set up and taken down several times.

General Information

VTT's enclosures are available with many valuable options such as doors, ventilation systems, bulkheads, power filter boxes 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, power panels, filter boxes and many more.

VTT's 8000T Series enclosures are **Clean Room compatible** to A300 (ISO6). Used by NASA.



Technical Specification

Material

3-layer Shieldex® Nora Dell RS CR, Shieldex® Zell PW and Shieldex® Berlin RS

Door

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

Included

Enclosure
Cable Sleeve
Door

Optional (more options available)

Additional Doors
Floor
Fiber optic
Bulkhead
Ventilation
Power Filter Boxes
Frame
Lighting
Antechamber
Document Delivery System
Absorber Carts
Storage Boxes

Shielding Effectiveness

Average 95 dB from 0.03 GHz to 18 GHz

Abrasion Resistance fabric

1,000,000 cycles to electrical performance breakdown

Address

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USA Patent

5,908,043 & 6,068,009

Canada Patent

CA2129432

Applications

- RF Shielding chamber for medical, academic, EMC test labs, aerospace, automotive equipment, and IN-Situ testing for radiation RF immunity.
- Used by major companies in the aerospace (NASA, Airbus, OHB), automotive industries and military field.



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.

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