

VShieldTex RF Shielded Enclosure Options

PRESENTED BY V TECHNICAL TEXTILES, INC.



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Introduction

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- ▶ Our portable RF shielded enclosures are self contained portable enclosures designed for wireless over the air measurements, and ambient reduction. These enclosures are constructed using high quality shielded material provided by Statex. The enclosure is available in multiple sizes, layers, and configurations.
- ▶ The VShieldTex brand of RF shielded enclosures are designed for taking over the air measurements for design verification, performance testing, pre-certification tests, production line measurements and quality assurance tests, and any application requiring an ambient free environment. Its size, weight, and ease of assembly make it very portable. Our enclosures can be configured to suit your specific wireless testing applications in a wide range of available configurations.

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Specifications

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- ▶ *Our portable RF shielded enclosures offer a variety of shielding performance levels depending on the series of enclosure.*
- ▶ *8000 Series: Three layer construction offering an average of 85+ dB of shielding performance from 30 MHz - 10 GHz.*
- ▶ *7000 Series: Two layer construction offering an average of 75+ dB of shielding performance from 30 MHz - 10 GHz.*
- ▶ *6000 Series: Single layer construction offering an average of 65+ dB of shielding performance from 30 MHz - 10 GHz*

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Standard Sizes

- ▶ 2'x4'x2'
- ▶ 6'x6'x7'
- ▶ 7'x7'x7'
- ▶ 8'x8'x8'
- ▶ 9'x12'x8'
- ▶ 12'x12'x8'
- ▶ 15'x20'x12'

Custom Sizes available upon request

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Options

- ▶ Single, double, or triple layer construction
- ▶ Permanent Bulkhead
- ▶ Removable Bulkhead
- ▶ Filtered feed through connections for communications; (Bulkhead Panel)
- ▶ SMA
- ▶ USB
- ▶ RS232
- ▶ D-Sub
- ▶ Fiber Optic
- ▶ Custom I/O configurations.
- ▶ Filtered Power Inputs
- ▶ Power Filter Box with cable sleeve assembly
- ▶ Frequency Specific Notch Filters
- ▶ Band Pass Filters
- ▶ BNC or SMA Mounted Feed through Wire-less Antennas
- ▶ Honeycomb Ventilation
- ▶ Forced Air Fan Assembly
- ▶ Absorbers
- ▶ Frame: EZ Up Style, or Aluminum Tube, roll-able rack.
- ▶ Custom Configurations are available upon request. Our team of application experts is standing by to work with you in determining your application specific requirements and configurations.

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Option Photos

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Aluminum Tube Frame



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Option Photos

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Roll-able Style Rack Frame



EZ-Up Style Frame



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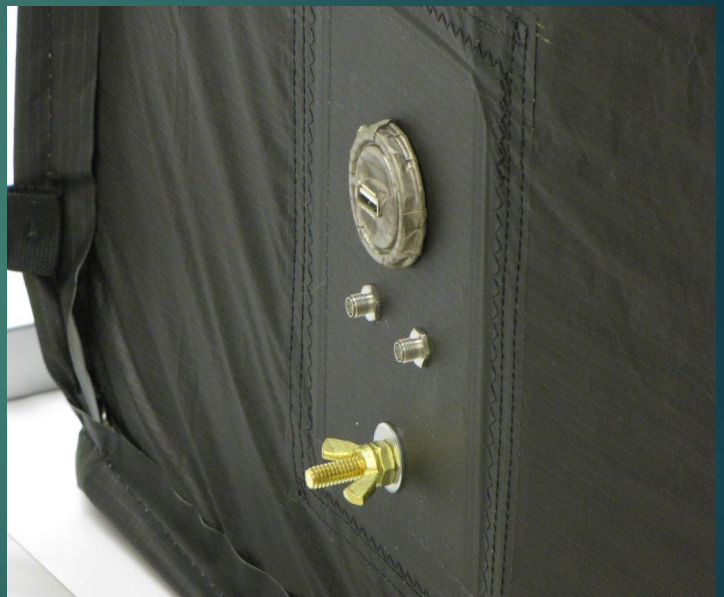
Option Photos

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Removable Bulkhead Panel



Permanent Bulkhead Panel



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Option Photos

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Power Filter Box



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Ventilation



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Option Photos

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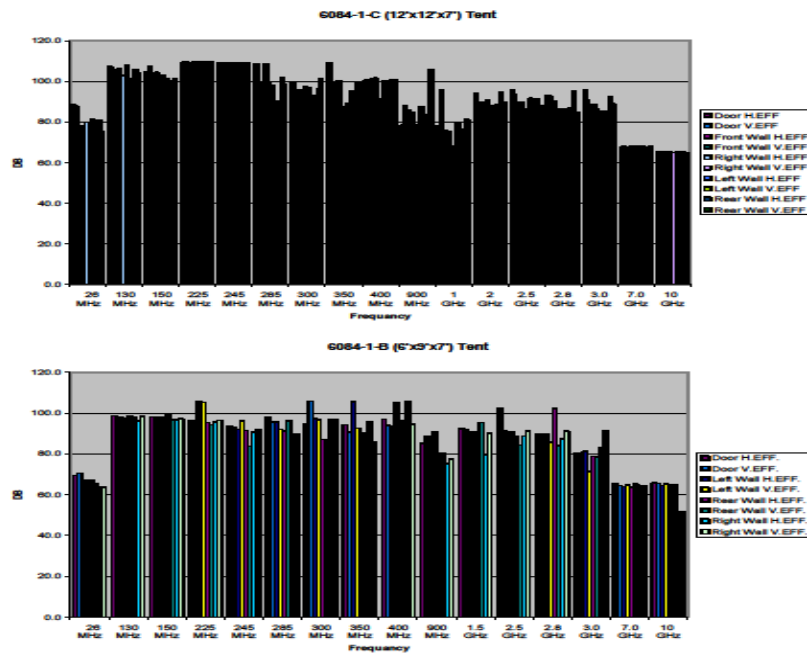
Absorbers



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Performance

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Available Shieldex Materials

- ▶ Optional Materials:
 - ▶ All of our woven goods
 - ▶ Zell & Zell CR (Ag/Cu/Sn)
 - ▶ Nora Dell & Nora Dell CR (Ag/Cu/Ni)
 - ▶ Nora (Ag/Cu/Ni)
 - ▶ Nora LX (Cu/Ni)
 - ▶ Bremen (Ag)
 - ▶ Kassel (Ag/Cu)
 - ▶ Nanking (Ag/Ni)

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Q & A

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▶ Questions & Answers

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