

# *Select Fabricators Inc.*

## Portable EMI Shielding Overview



*Products for this millennium*



# *Product Overview*

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## EMI Shielding Portable Enclosures and Curtains

- ★ Quality Process
- ★ Pre-assembly Checklists
- ★ Cleanroom compatible
- ★ Customers include
  - Lockheed Martin
  - RCMP
  - Redcom





# Portable EMI Shielding

- ★ Base Fabric
  - Silver/ Copper/ Nickel fabric
  - Material is coated on both sides with polyurethane
  
- ★ Standard Configuration
  - Tent Frame
  - Tent with
    - Floor
    - Shielded Door Entry System
    - Cable Sleeve
  - Tent Transportation & Storage Bag
  
- ★ Options
  - Interior Lights
  - Filter Ground Box with Ethernet
  - Ventilation
  - Roller Frame Bag for Frame
  - Cleanroom Capatibility
  - Testing





# Portable EMI Shielding Frame Options



Series 300 Extruded  
Aluminium Frame

Series 100 EZup  
Aluminium Frame



Series 200 PVC Frame





# Shielding Effectiveness

Select Fabricators, Inc.  
EMI Shielded Tent  
Shielding Effectiveness Data

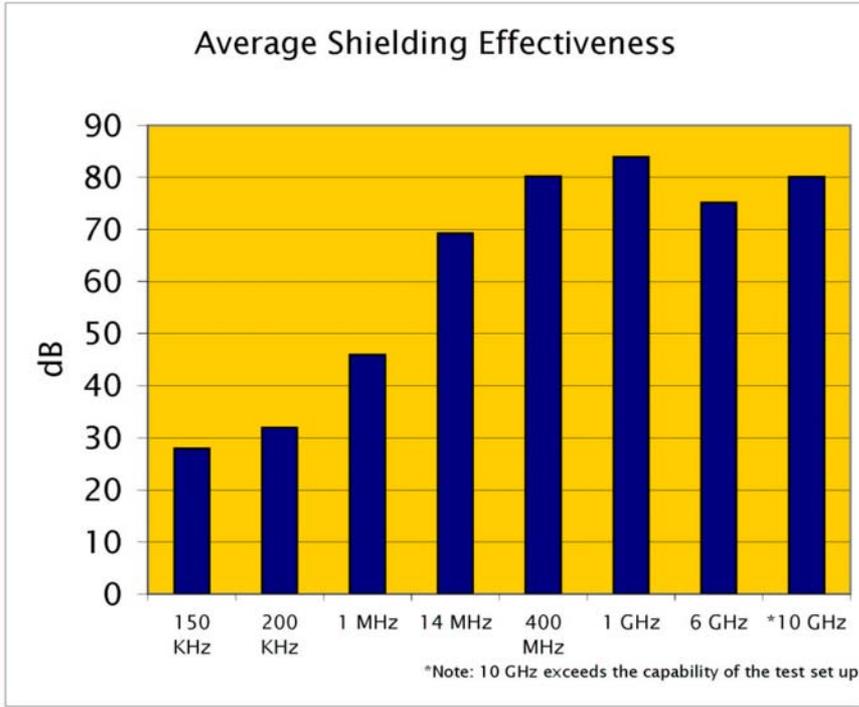
June 20, 2008  
Mr. Greg Walsh  
Select Fabricators, Inc.  
10000 N. 10th Street  
Scottsdale, AZ 85258

Dear Mr. Walsh:

Reference is made to the EMI Shielded Tent, Model ST-01, Serial #1. The product was tested and the results are shown in the attached report. The product was tested in accordance with the requirements of the test method specified in the report. The test results show that the product meets the requirements of the test method. The product is suitable for use as an EMI shielded tent. The product is suitable for use as an EMI shielded tent. The product is suitable for use as an EMI shielded tent.

Sincerely,  
Paul Foster  
Senior Engineer

December 1999  
Criteria for the Design, Fabrication, Supply, Installation and Acceptance Testing of Walk-in, Radio-Frequency-Shielded Enclosures  
ITSG-02  
December 1999  
ITSG-02

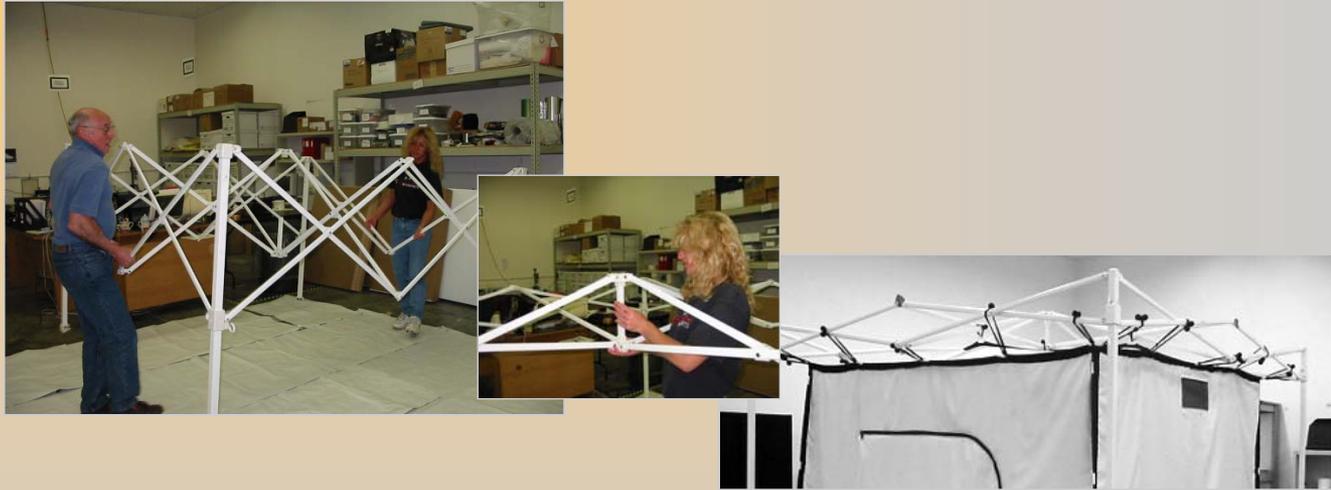


- Single layer Nova Select
- 9' x 14' x 8.5'
- Double door
- 1 cable sleeve
- Vents on front and back
- Filter box
- Floor
- Aluminum frame

Testing by Diversified TEST Technologies, Inc.  
Tested to ASTM E1851-04 ITS-02 combined  
Tested in 2006



# *EMI Portable Shielding Tents Easy to Set Up*



- ★ Assemble frame by simply expanding and setting top and legs.
- ★ Unfold tent and clip to frame.
- ★ Attach accessories as needed.





# *Portable EMI Shielding Tents Ventilation Options*

- ★ Intake Vent
- ★ Exhaust Vent
- ★ Sleeve and Fan
- ★ Air Circulation
- ★ Cooling
- ★ EMI Shielded Vents and Sleeve





# EMI Portable Shielding Tents Filter Box With Ground Option



- ★ All power & metallic data cables entering the tent must be properly filtered to eliminate unwanted noise from conducted EMI. Portable filter/ground unit can be customized to I/O filter needs- with single point ground standard.
- ★ Standard: Four (4) terminal filtered barrier strip 250 VAC/20A ,connectors installed on shielded box. Six (6) outlet power strip - connected. Standard Options include Ethernet adaptation including filtering & connectors and BNC coaxial RF cable connectors.





# EMI Portable Shielding Tents

## Filter Box With Ground Option



- ★ 6 outlet power strip connected (for power inside the tent)
- ★ AC Grounding- Box has a grounding stud that connects to the cable ground wire. Cable ground wire grounds unit at building's grounded AC power outlet.





# EMI Portable Shielding Tents

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# *EMI Portable Shielding Tents Transport and Storage*



★ Durable Tent Bag  
- Standard

★ Deluxe Frame Bag  
with Rollers -  
Optional

