

# ELECTRONIC ENCLOSURES



- . Custom designed
- . Lightweight
- . High strength
- . EMI shielded
- . Vibration tested to MIL-STD-810
- . Tested to 16g loading
- . High payload to empty weight ratio



*Vermont Composites, Inc. offers a full line of services from design and analysis to prototyping and production. Serving a wide range of industries, Vermont Composites supplies high performance composite parts for the medical, aerospace, electronic and industrial markets.*

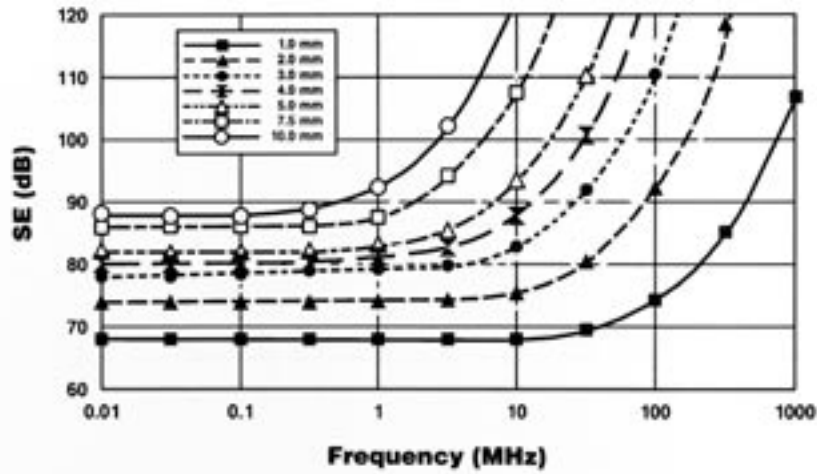
ISO 9001



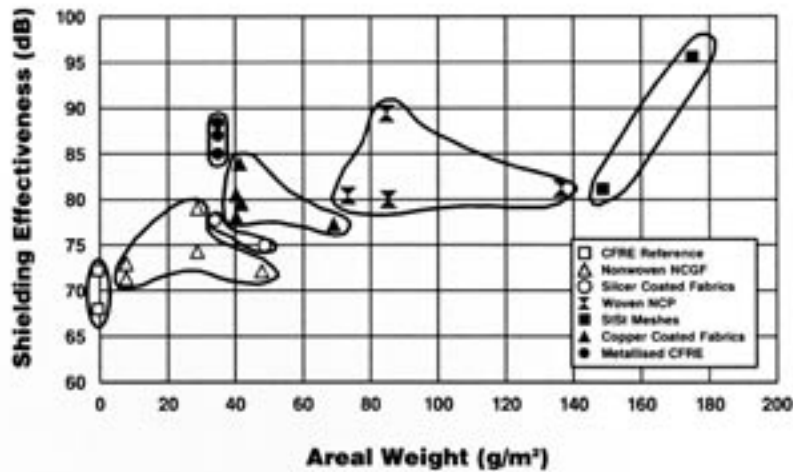
FM40073



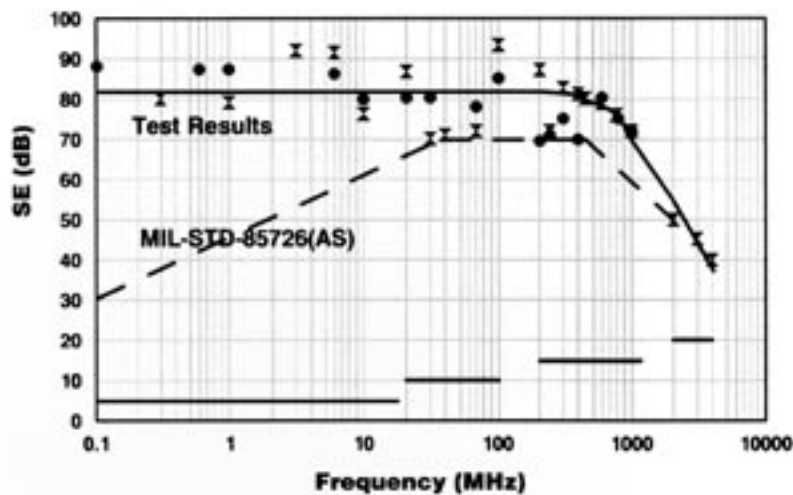
Vermont Composites, Inc. • 139 Shields Drive • Bennington, VT 05201  
Tel: 802/442.9964 • Fax: 802/447.3642 • sales@vtcomposites.com • www.vtcomposites.com



Carbon fibers are electrically conductive and provide EMI shielding. Shielding increases with material thickness.



Addition of metalized fibers to the surface increases the shielding effectiveness. This is proportional to the weight of the metal added.



Shielding of an enclosure is determined by the design of the covers and grounding. For high levels of shielding in the GHz range, gaskets should be used.