



Universal Shielding Corp.

DESIGN ADVANTAGES OF UNIVERSAL SHIELDING CORP. SHIELDED ENCLOSURES

1. All four shapes of channel members have serrations running lengthwise along each side of the contacting surface where it mates with the panel, thus resulting in a highly efficient RF seal.
2. Our clamping system consists of weld-nuts welded to the outer framing member on Three (3) inch centers. Thus NO screws penetrate through the enclosure. There are no opposing joints between the periphery "M" and "U" channel members at any point.
3. Our integral "flat" channel has a convex contour for positive spring tension, insuring an RF tight enclosure.
4. Our corners are an all-welded one piece assembly consisting of three (3) 15 inch long members.
5. The entire steel framework is supplied with integral interconnecting tabs and weld-screws and is assembled from the interior. This system enables rapid assembly and positive placement of channels resulting in no voids or separations in channel system, thus preventing RF leaks.
6. Our doors incorporate a brass extrusion around door and frame. These extrusions are designed so that the contacting fingerstock is not exposed, thus resulting in a damage-free closure seal. The fingerstock is not held in place with any mechanical or solder methods and is easily removable.
7. All channel members are metal-stamped for identification and their designations are indicated on installation drawings, thus enabling rapid assembly.
8. Our RF air vents are mechanically held in place with all welded frames, thus enabling honeycomb vent to be easily removed for cleaning after long periods of usage.
9. A fillet weld is factory installed at end of each "hat" section so that NO gaps exist at intersection of "hat" and M channel sections.

Universal Shielding Corp.
20 W. Jeffry Blvd.
Deer Park, NY 11729-5769

Tel: 631-667-7900
Fax: 631-667-7912
Email: usc4shield@aol.com
www.universalshielding.com