

**“EURO VENT” LEAD FREE
HONEYCOMB WAVEGUIDE VENT
PENETRATION MATERIAL FOR
EMI/RFI SHIELDING APPLICATIONS**

SRG

SHIELDING RESOURCES GROUP, INC.

Shielding Resources Group, Inc. now offers lead free honeycomb waveguide vent material. This material is provided to eliminate any and all concerns of lead contamination by airborne particles. This material exceeds all domestic and international requirements (RoHS) for lead free electronics and is environmentally friendly.

SRG’s unique and proprietary manufacturing process includes applying a thin coating of 95% tin to the raw base strip base material. The thickness of this coating is extremely critical and must be held within .0015”-.002”. After the base strip material is formed, cut to the desired length and assembled as a sheet, it is placed in an oven. Under a controlled set of parameters, the temperature is raised until the tin coating is allowed to flow via capillary action, a process we have named high temperature fusion bonding. Once cooled, the sheet becomes a bonded or fused honeycomb matrix offering structural and RF integrity.

To insure each manufactured sheet maintains the required performance level in terms of shielding effectiveness, SRG has implemented a very stringent Quality Control and Assurance Program which couples 100 % visual inspection along with shielding effectiveness testing performed by a NVLAP approved independent test agency.

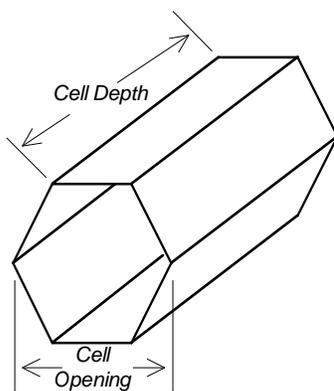
The waveguide sheets are offered in three (3) forms; Standard Cut Sheets, Custom Cut Sheets and Frame Mounted Assemblies.

Standard Cell Sizes (Opening X Depth)

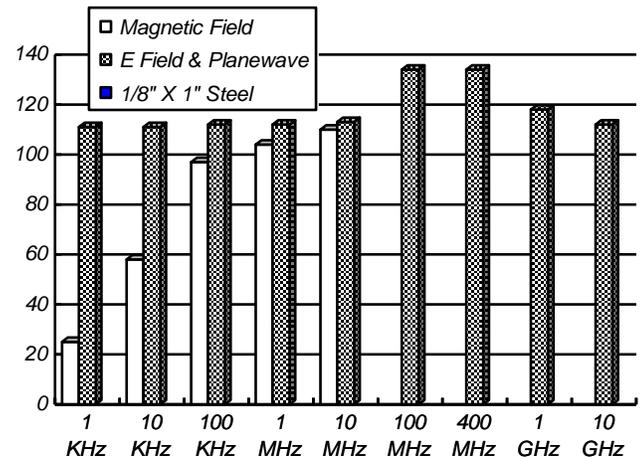
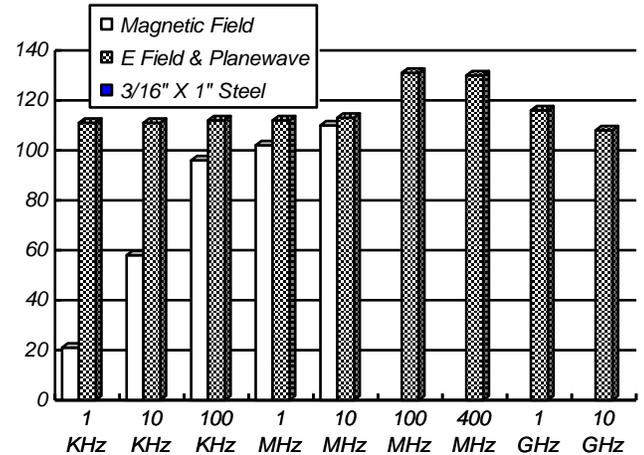
1/8" X 1/4"	3/16" X 1/4"	1/4" X 1/2"
1/8" X 1/2"	3/16" X 1/2"	1/4" X 3/4"
1/8" X 5/8"	3/16" X 5/8"	1/4" X 1"
1/8" X 3/4"	3/16" X 3/4"	
1/8" X 1"	3/16" X 1"	

Standard Sheet Sizes

24" X 24" 24" X 36"



Honeycomb Available In The Following Material:
C-1010 Steel 260-70/30 Brass 304 Stainless Steel
* Other Materials Available Upon Request



For quotation or ordering please specify:

- * Cell size and material
- * Sheet Size
- * Frame mounted or unmounted
- * Frame style

For mounted frames, please specify if mounting holes or RF gasket is desired

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