

PRODUCT DESCRIPTION:



- EMI gaskets are electrically conductive polyester fabric wrapped around a low compression force PU foam.
- The combination of Nickel & Copper (Ni/Ci) woven metal fibers provides excellent conductivity and shielding effectiveness (>80dB) over 100KHz to 1GHz frequency range.
- Supplied with either a Conductive or Non-Conductive pressure sensitive adhesive (PSA).

FEATURES

- Highly conductive to provide good EMI shielding and grounding.
- Very soft for Low Compression Force applications, allows use of lighter materials.
- Nickel/Copper fiber ensures good oxidation and corrosion resistance / galvanic compatibility with a wide range of plated and stainless-steel surfaces.
- Flame Retardant gaskets available – UL94 HB and UL94 V0 flammability rating.
- Abrasion resistant fabric, high reliability and virtually no degradation in shielding performance after 1 million cycles.
- Broad range of cross-section profiles available to suit specific applications
 - D-shape, Rectangle, Bell, Square (see part numbers).
- Gaskets can be supplied cut to length ready for assembly.
- Halogen-free products available upon request.

APPLICATIONS

- Medical equipment, Cabinet applications
- Plasma PDP and LCD TV / Displays
- Broadcast & Communications equipment
- Mobile Phones, Notebook, Laptop & Desktop Computers
- X-Ray equipment
- Enclosures – Server racks, Data Cabinets
- Access Control Units
- Military & Aerospace equipment.

Halogen-free products available on request

PROPERTIES	C-F FOF A0/A1	UNIT	TEST METHOD
Shielding Efficiency (100KHz – 1GHz)	≥80	dB	-
Abrasion Resistance	1,000,000	Cycles	-
Surface Impedance	<0.05	Ohm	-
Fire-Proof Level	UL94 HB & UL94 V0	-	IEC 60695-11-10 UL 94
(Flammability Rating) Hazardous Substance	RoHS Compliant	-	Pass

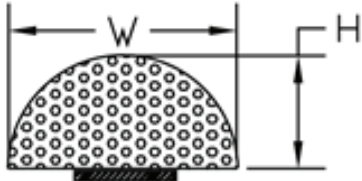


CR Technology, Inc

- 📍 55 Chase St
Methuen, Massachusetts 01844
- ✉ sales@crtechinc.com
- ☎ 978.681.5300

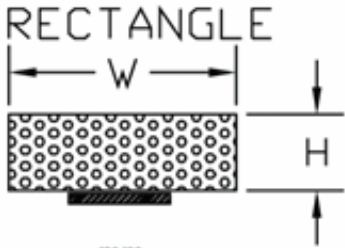
Below are readily available standard profile shapes. CR Technology can also cut sheet material to any configuration as well as provide limitless custom profile sizes.

D-SHAPE



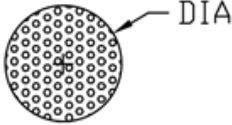
Inches		mm		
H	W	H	W	
.090	.090	2.30	2.30	EV1409-09090-8x
.120	.250	3.00	6.35	EV1409-12025-8x
.250	.250	6.35	6.35	EV1409-25025-8x
.250	.375	6.35	9.53	EV1409-25038-8x

RECTANGLE




Inches		mm		
H	W	H	W	
.040	.500	1.02	12.7	EV1410-04050-8x
.040	1.00	1.02	25.4	EV1410-04100-8x
.079	.275	2.00	4.00	EV1410-08028-8x
.125	.500	3.18	12.7	EV1410-12050-8x
.130	.190	3.30	4.83	EV1410-13019-8x
.250	.250	6.35	6.35	EV1410-25025-8x
.250	.375	6.35	9.53	EV1410-25038-8x
.500	.500	12.7	12.7	EV1410-50050-8x

ROUND



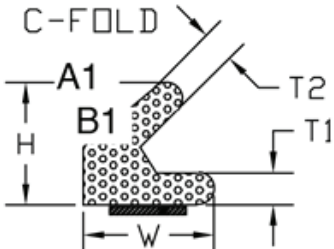
Inches Dia.	mm Dia.	
.125	3.18	EV1411-12000-8x
.250	6.35	EV1411-25000-8x

CONNECTOR



9 Pin	EV2010-19334-8x*
15 Pin	EV2010-19335-8x*
25 Pin	EV2010-19336-8x*
37 Pin	EV2010-19337-8x*
50 Pin	EV2010-19338-8x*

C-FOLD



Inches		mm						
H	W	B1	A1	H	W	B1	A1	
.40	.43	.04	.12	10.2	11.0	1.0	3.2	EV1408-04043-8x
.68	.59	.16	.16	17.3	15.0	4.0	4.0	EV1408-68059-8x

- NOTES**
- Custom shapes are available (See Standard Sizes Above)
 - The above performance data is tested in an environment of 70% humidity, temperature 25 °C
 - This data is intended for reference purposes only. It is recommended that the material is tested to fully evaluate its performance ensuring it is fit for purpose