

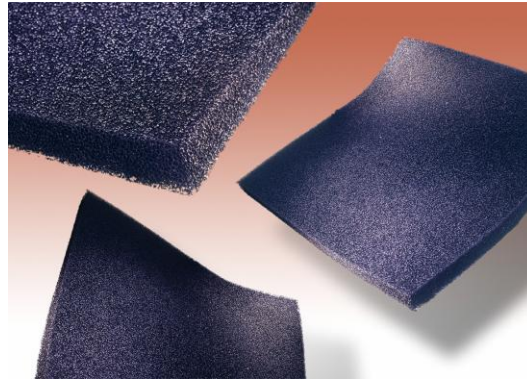
CUMING MICROWAVE

Technical Bulletin 320-9B

C-RAM C-465 700 MHz-3 GHz REFLECTIVITY FOAM

RoHS
Compliant

C-465 is a line of outdoor reflectivity foam sheet material, comprised of urethane foam and a lossy carbon loading. C-465 absorbs RF microwave energy across 700 MHz through 3 GHz. frequencies. C-465 has proven to be ideal for PIM reduction, mainly used to cover metallic surfaces. it can also be used to cover fences. The open-cell structure permits airflow freely through the absorber. When used outdoors, rain will also freely drain from the product.



TYPICAL PROPERTIES

Porosity, pores per inch:	4-20
Tensile strength, psi:	8-12
Tear strength, lb/inch width:	2.2
Density, lb/ft ³ :	3.0
Ultimate elongation (%) max:	275

Environmental Properties

Operating temp., max:	250°F
Ozone adverse affects:	No
Fungus Resistance,	
Evidence of fungus growth:	No

TYPICAL REFLECTIVITY

(dB down from reference)

C-645

<u>Thk.</u>	<u>Performance</u>	<u>Freq. Range</u>
2.5"	-12 dB	700 MHz-3GHz

METHOD OF APPLICATION

Typically C-465 can be adhered in place using neoprene contact adhesives or it can be mechanically fastened using low dielectric plastic fasteners. C-465 is easily cut by bandsaw, utility knife, or shears. It is easily applied to curves or cut to fit into various sizes.

AVAILABILITY

C-465 is available in standard sizes of 24x24in (610x610mm) and 24x48in (610x1220mm) Other sizes are available. Cuming Microwave can also supply parts cut to drawings. Consult the factory for other sizes.

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