

ECCOSORB® QR-13AF

LOSSY, FLEXIBLE, FIRE RETARDANT, FOAM MICROWAVE ABSORBER

Description :

Eccosorb QR-13AF is an environmental friendly UL-94-HF-1 rated material, free of antimony and chlorinated polymers. It is a high loss, flexible, non-magnetic, low-dusting microwave absorber sheet. Eccosorb QR-13AF is electrically conductive.

It is not weatherproof but can be supplied with a weather resistant coating.

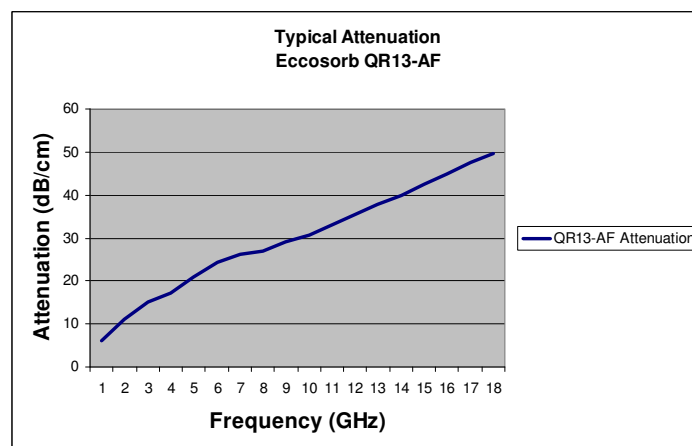
Application :

Eccosorb QR-13AF is designed to suppress cavity resonances in shielded high-frequency modules and to absorb parasitic radiation emanating from high speed electronic circuits by insertion loss.

Physical Properties :

	QR-13AF
Colour	Black
Service Temperature (°C)	-70 to 93
Fire retardancy	UL-94-HF-1
Dusting	Negligible

Electromagnetic Properties :



**ELECTRONIC
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Availability :

Eccosorb QR-13AF is available in standard sheets of 610 mm x 610 mm.

Standard thicknesses are 3.2 mm & 6.4 mm, other thicknesses available upon request.

Eccosorb QR can be supplied with a coating to prevent moisture uptake in high humidity to moderately wet environments upon request.

For applications requiring Eccosorb QR-13AF to be in close contact with electrical components, a PEF is available on request to prevent electrical shorts.

Eccosorb QR is available in other sizes and customer specified configurations upon request.

Instructions for use :

Being electrically conductive Eccosorb QR-13AF could cause a short in some microwave circuits, but only if the material comes in contact with components. See availability.

Eccosorb QR-13AF can be securely bonded to itself or to other materials such as metal, wood and common plastic composites. The recommended adhesive is Eccostock Adhesive 13111.



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Safety Considerations : It is recommended to consult the EMERSON & CUMING MICROWAVE PRODUCTS product literature, including material safety data sheets, prior to use EMERSON & CUMING MICROWAVE PRODUCTS products. These may be obtained from your local sales office.

WARRANTY : Values shown are based on testing of laboratory test specimens and represent data that falls within the normal range of properties of the material. These values are not intended for use in establishing maximum, minimum or ranges of values for specification purposes. Any determination of the suitability of the material or any use contemplated by the user and the manner of such use is the sole responsibility of the user who must assure that the material as subsequently processed meets the needs of this particular product or use. We hope the information given here will be helpful. It is based on data and knowledge considered to be true and accurate and is offered for the user's consideration, investigation and verification but we do not warrant the results to be obtained. Please read all statements, recommendations or suggestions in conjunction with our conditions of sale INCLUDING THOSE LIMITING WARRANTIES AND REMEDIES which apply to all goods supplied by us. We assume no responsibility for the use of these statements, recommendations or suggestions nor do we intend them as a recommendation for any use which would infringe any patent or copyright.

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