

# Eccosorb<sup>®</sup> QR-13AF

### Lossy, Flexible, Fire Retardant, Foam Microwave Absorber

### LOSSY FLEXIBLE FIRE RETARDANT FOAM ABSORBER

Eccosorb QR-13AF is an environmentally 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.

#### **FEATURES AND BENEFITS**

#### MARKETS

- Flexible, foam material
- Commercial Telecom
- Security and Defense
- High loss, low densityFire retardant

#### **SPECIFICATIONS**

TYPICAL PROPERTIES	ECCOSORB QR-13AF
Service Temperature °C (°F)	-70 to 93 (-94 to 200)
Frequency Range	≥ 1 GHz
Fire Retardancy	UL94-HF-1
Dusting	Negligible

Data for design engineer guidance only. Observed performance varies in application.

Engineers are reminded to test the material in application.

\*Please note that Eccosorb QR-13AF with PSA or with a coating is not UL rated.

#### **APPLICATIONS**

 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.

#### **AVAILABILITY**

- Standard sheets are 610mm x 610mm (24"x24").
- Standard thicknesses are 3.2 mm (1/8") and 6.4 mm (1/4"), other thicknesses available upon request.
- It is available in other sizes and customer specified configurations upon request
- Eccosorb QR-13AF can also be supplied with a pressure sensitive adhesive (PSA)\*
- Eccosorb QR-13AF can be supplied with a coating to prevent moisture uptake in high humidity to moderately wet environments upon request.\*

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## Eccosorb® QR-13AF

#### **INSTRUCTIONS FOR USE**

- 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 our Eccostock <sup>®</sup> foam Adhesive.
- It can be easily cut with a knife, scissors, or die.



#### RFP-DS-QR-13AF 093015

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