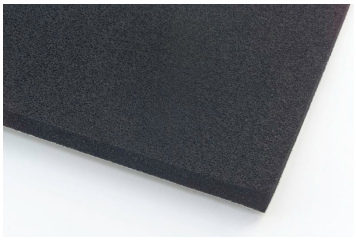
Eccosorb® QR-13AF

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

- Flexible, foam material
- High loss, low density
- Fire retardant

MARKETS

- Commercial Telecom
- Security and Defense

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

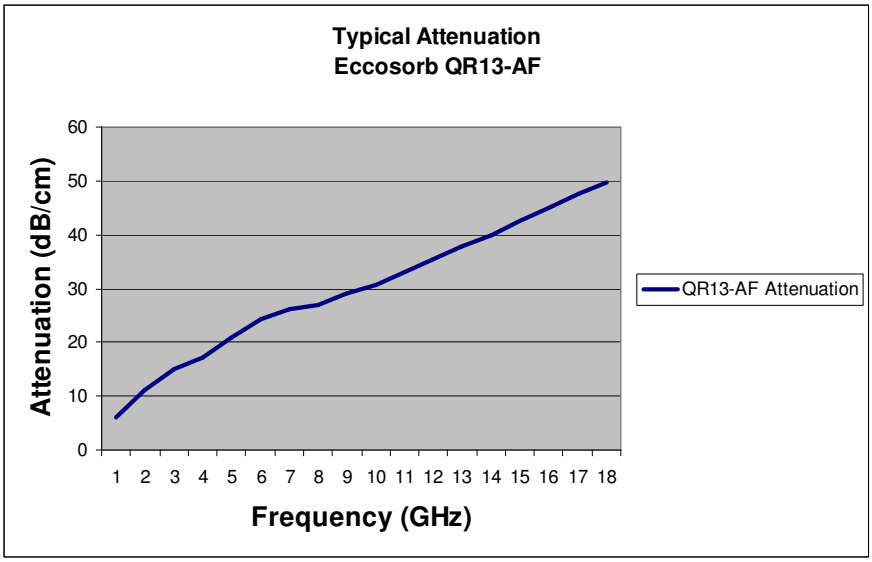
- Standard sheets are 610mm x 610mm (24”x24”).
- Standard thicknesses are 3.2 mm (1/8”) and 6.4 mm (1/4”), other thicknesses available upon request.
- It is available in other sizes and customer specified configurations upon request
- Eccosorb QR-13AF can also be supplied with a pressure sensitive adhesive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

Americas: +1.866.928.8181
Europe: +49.(0)8031.2460.0
Asia: +86.755.2714.1166

www.lairdtech.com

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 ® foam Adhesive.
- It can be easily cut with a knife, scissors, or die.



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