

Marktek Inc.

Your One-Stop Shop for Conductive, Resistive, & Microwave-Absorptive Materials

REX RADAR-ABSORBING MAT

Description

Multispectral radar absorbing mat suitable for outdoor use. Made of special nylon and conductive fibers and vulcanized nitrile rubber backing.

Color: Green; certain other colors may be available for large, special orders

Total Weight: 72±2 oz/sq. yd (2.45±0.07 kg/m²)

Nominal Thickness: 0.25 in (6.4 mm)

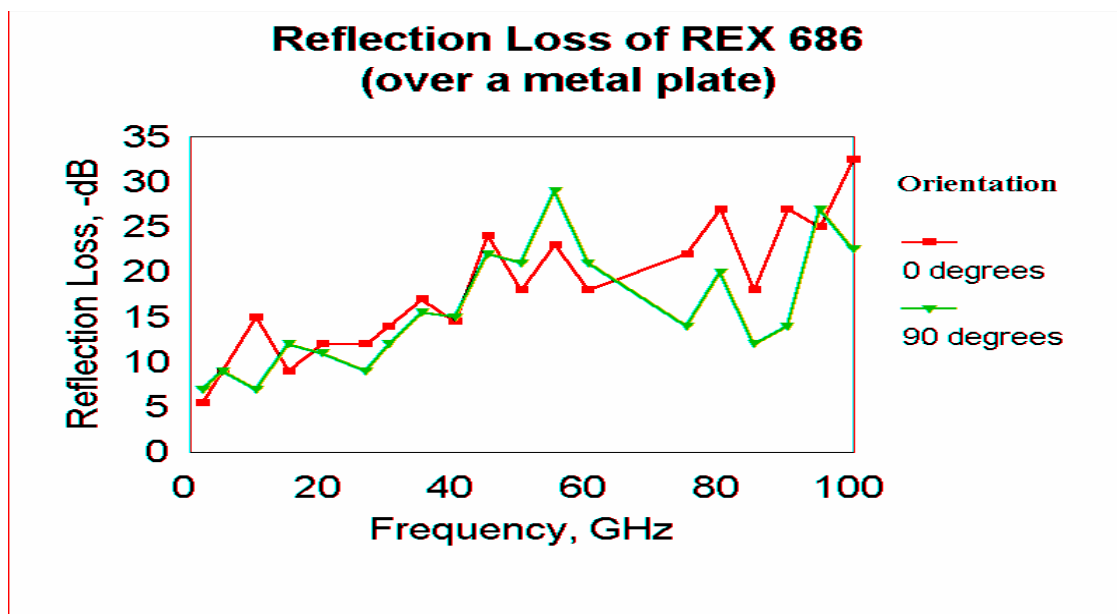
Radar Reflection Loss (over metal plate): Averages -15 dB from 5 - 94 GHz

Near IR Reflectance: >55% from 800-1700 nm

Available as water repellant-treated 4'x10' (1.22 m x 3.05 m) panels with or without optional loop attachment securely bonded to backing. Meets ASTM D2859-76, Flammability of Finished Textile Floor Covering Materials.

Applications

Rex mats are ideal for reducing the radar signature of military land vehicles such as tanks, trucks, etc. Spray-painted versions can be used on board ships for the same, general purpose. They are also highly useful for reducing multipath reflections that may interfere with antenna systems or serving as MW-absorptive flooring for anechoic chambers. The mats are easily cut and can be affixed to surfaces, permanently or not, using hook & loop attachments, epoxy adhesives, or double-sided carpet tape.



The information provided above is for illustrative purposes only and should not be considered a product specification. It is up to the user of this product whether said product is fit for the user's intended purpose.

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