

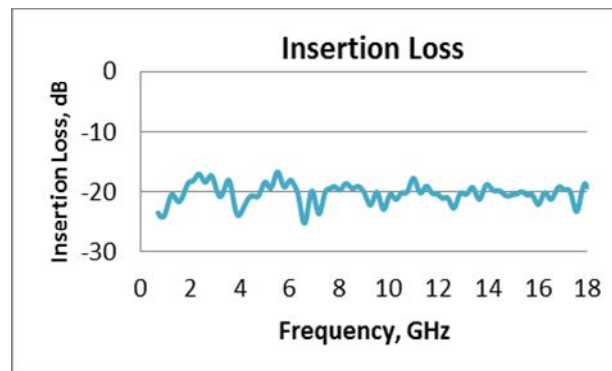
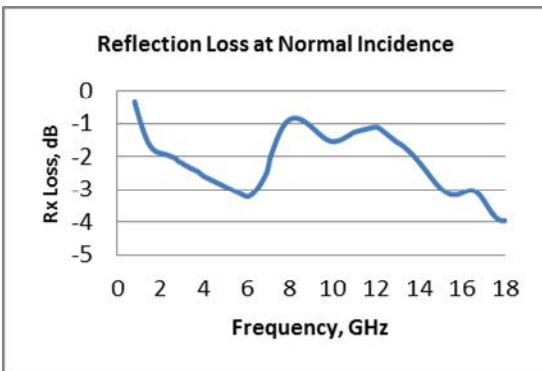
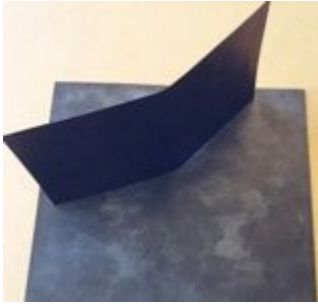
Marktek Inc.

The One-Stop Shop for EMI-Shielding, Conductive, Resistive, & Microwave-Absorptive Materials

EEONTEX™ MICROWAVE-ABSORBING FABRIC NW170-PI-20-PV3

Part of the EeonTex™ Product Line

EeonTex™ NW170-PI-20-PV3 is a thin, very lightweight, flexible, low-cost, RF-absorbing fabric that is used for EMI shielding and noise suppression. The dielectric absorbing material reduces reflections and damps electronic cavity resonances, thus reducing EMI emissions and crosstalk in electronic devices. It is also useful for adjusting antenna side lobes or reducing radar signature. This new broadband absorber meets UL94 V-0 flame-resistance requirements and is available in full-width (60") rolls up to 25 yds long or die-cut to shape (with or without adhesive).



Performance comparable to magnetically-loaded elastomers - but at much less weight and cost

Typical Properties and Features of EeonTex NW170-PI-20-PV3

- Weight: < 0.1 lb/ft²
- Nominal Thickness: 0.30" (0.75 mm)
- Contact Surface Resistance: > 1M Ω/\square
- Avg. Impedance from 700 MHz to 18 GHz: 20 Ω
- Tensile Strength: > 51 lb/in (>450 N/5cm)
- Elongation at break: 40-45%
- Tear Resistance: 2.7 lb (12 N)
- Flame Resistance: UL 94VTM-0/94V-0
- Service Temperature: -30 to 80°C
- RoHS Compliant
- Available in continuous lengths up to 25 yds

EeonTex™ fabrics are products of Eeonix Corp., Pinole, CA 94564. The above information is provided for illustrative purposes only and should not be considered a product specification or a guarantee of fitness for any application. Rev. 0415

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