

Marktek Inc.

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

EeonFelt™ Conductive Polymer-Coated Polyester Felt with secondary, protective coating

Product ID: EeonFelt F/PF-PI-PV-100

Properties

- Color: Black
- Surface resistivity: 80 - 100 ohms/sq (or per customer specification)
- Bulk Resistivity: ~160 - 200 ohm-cm
- Thickness: ~3/4 inch (1.9 cm)
- Weight: ~0.25 lb/ft² = 4.0 lb/cu ft.
- Dimensions: per customer specification, full rolls currently available up to 27" x 45'

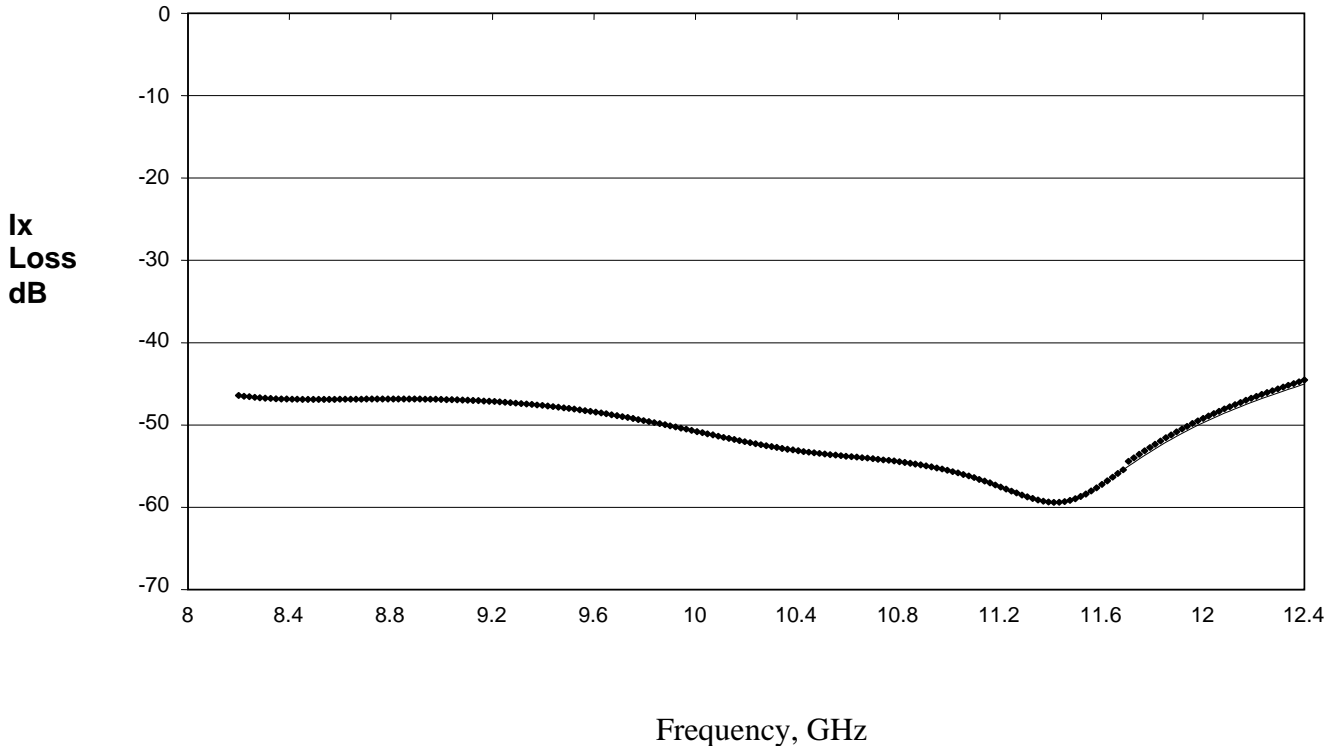
Applications

- Microwave absorption (insertion loss in X-band shown in figure below)
- EMI shielding, damping resonances
- Antennas - reduce crosstalk and multipath reflections, adjust side lobes

Advantages

- Flexible and lightweight, available in long, continuous lengths
- Does not emit cyanide gas (HCN) if burned
- Flame-retardant coating applied to meet flame-resistant standards

Insertion Loss of 3/4"-thick, 100 ohm EeonFelt in X-band



Rev. 0515

EeonFelt™ products are manufactured by Eeonix Corp., with patented, proprietary coating compositions. The information provided here is merely representative and is not to be taken as product specs. As always, it is up to the customer to determine if the said product is suitable and fit for the intended application.

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