

Marktek Inc.

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

EeonFelt™ Conductive Polymer-Coated Polyester Felt with Self-contained Backplane

Product ID: EeonFelt F/PF-PI-PV-100/10

Properties

- Color: Black (w/ metallic brown backplane)
- Surface resistivity of front side: 80-100 ohms/sq (or per customer specification)
- Surface resistivity of back plane: <10 ohms/sq
- Thickness: 3/4 inch (1.9 cm) (or per customer specification)
- Weight: 0.25 lb/ft² = 4.0 lb/cu ft.
- Dimensions: per customer specification, currently up to 27" x 45'

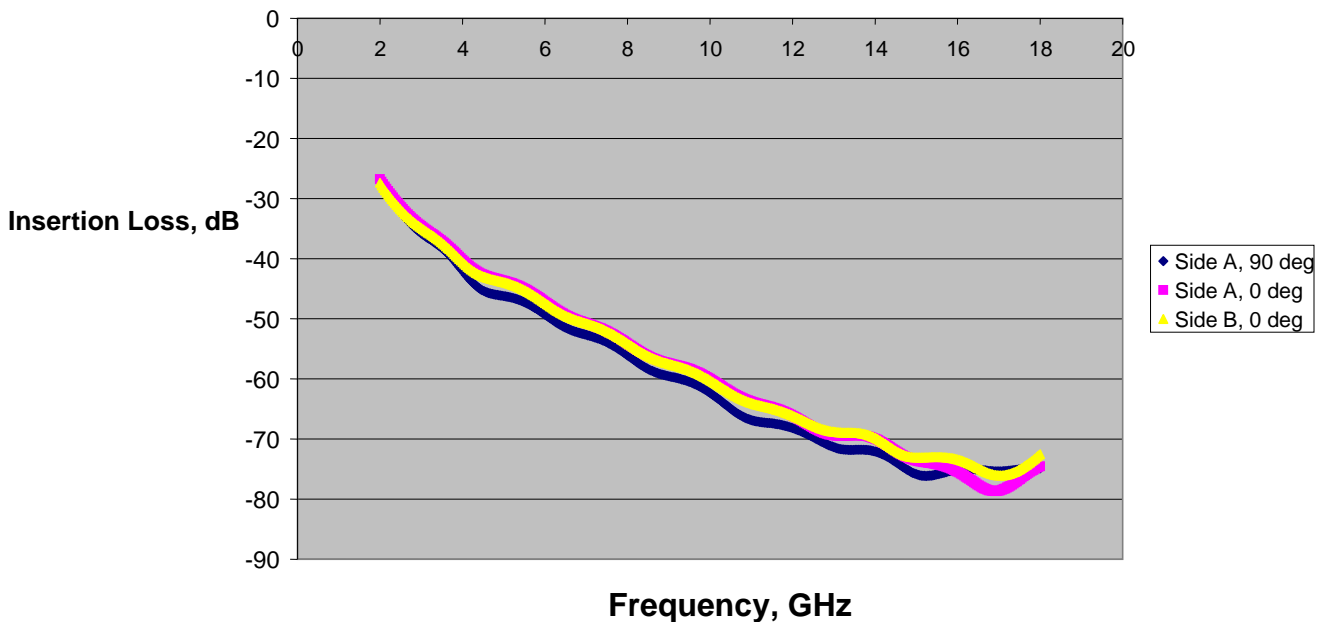
Applications

- Microwave absorption (much of the loss in the figure below is due to absorption)
- 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 readily applied to meet flame-resistance standards

Insertion Loss of 3/4"
EeonFelt F/PF-PI-PV-100/10



EeonFelt is a product of Eeonx Corp. and is made with patented, proprietary coating compositions. The information provided here is merely representative and is not to be taken as product specs. Rev. 0919

13621 Riverway Dr.
Suite H
Chesterfield, MO 63017

Tel: 314-878-9190
Fax: 314-878-9558
E-mail: info@Marktek-Inc.com

www.Marktek-Inc.com