



Innovative **Technology**
for a **Connected** World



EMI Absorber RF Foam-RFLS

PN 5206, RFLS-30-0.125-PSA SULFUR FREE

Part Number 5206 is a lightweight lossy foam sheet absorber, which achieves a broad frequency range of dielectric loss through a carbon coating. 5206 has similar performance to PN5103, but has no sulfur in its formulation. Surfactants used in industry carbon latex coatings have small amounts of sulfur in them. This can cause corrosion inside of electronic housings in certain application. PN 5206 has no sulfur in the coating and eliminates this problem.

FEATURES AND BENEFITS

- Extremely lightweight and flexible
- Broadband performance
- Excellent for radome applications and antenna enclosures
- Sulfur Free product for corrosion resistance
- A variety of other thicknesses are available from .125" to 0.75"

SPECIFICATIONS

| TYPICAL PHYSICAL PROPERTIES | |
|-----------------------------|---|
| 5206 | 24" x 24" (Standard) |
| Size | 5206 -.25 |
| | 12" x 12" |
| 5206 - S | 4" x 6" |
| Thickness | 0.125" nominal |
| Temperature Range | -85 – 250° F |
| Color | Black |
| Environmental | No residual sulfur is contained in this product |
| Bonding | Supplied with 3M 9485 PSA |

INSERTION LOSS, (DB/INCH)

| 3 GHZ | TOLERANCE |
|-------|------------|
| -67 | +/-13.4 dB |

NOTES

The physical properties and electrical performance property above are typical for the material, but not intended for use in specifications or for the acceptance inspection criteria because of variations in testing methods, conditions and configurations

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EMI-DS-PN-5206 1210

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