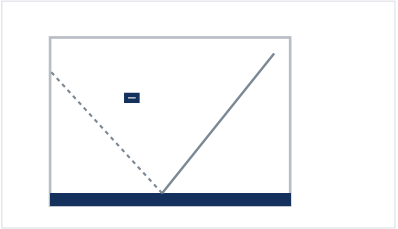
ISO 52 · RF absorber

Flexible absorbing sheet loaded with magnetic metal powder in a polymer matrix, designed to reduce RF reflections near a conductive surface or inside a compact volume.



Technical characteristics

- Absorbing sheet thickness: 0.03 to 0.5 mm ± 10 %, ASTM D374
- Double-sided adhesive thickness: 0.01 to 0.05 mm ± 10 %, ASTM D3652
- Magnetic permeability μ' at 1 MHz: 220 ± 10 %, Agilent E4991B
- Surface resistance: ≥ 1×10^4 Ω, SJ/T10694-2006
- Density: 3.5 ± 0.3 g/cm^3, ASTM D792
- Operating temperature: −40 to +120 °C
- Operating frequency range: 10 MHz to 6 GHz
- Halogen-free, RoHS compliant

Formats and versions

- Standard width: 300 mm
- Standard lengths: 20 m, 50 m or 100 m
- Width up to 450 mm on request
- Self-adhesive backing as standard
- Non-adhesive version available on request
- Can be cut to suit the project geometry

Storage

- Shelf life: 12 months
- Storage temperature: 15 to 35 °C
- Relative humidity: ≤ 65 %
- Store in the original packaging