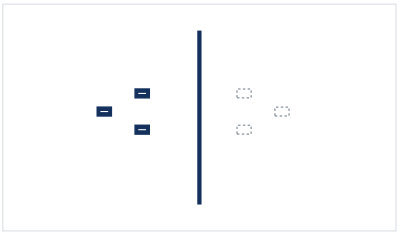
ISO 771 · Transparent shielding mesh

Transparent conductive mesh designed for integration into shielding assemblies.



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Technical characteristics

- Standard width: 1,100 mm
- Thickness: 0.09 ± 0.01 mm (ASTM D3652)
- Density: 120 ± 10 T (ASTM D3775)
- Surface resistance: ≤ 0.1 Ω (ASTM F390)
- Z resistance: ≤ 0.03 Ω
- Metal cohesion: grade ≥ 4

Storage and transport

- Shelf life: 24 months
- Temperature: 6 to 34 °C
- Relative humidity: ≤ 65 %
- Store in the original packaging

RF performance

63 to 68 dB at 863 and 915 MHz.
94 dB at 13.56 MHz in magnetic field.

Detailed measurements, EN 50147-1:1996 method

Plane wave

Frequency	Vertical polarisation	Horizontal polarisation
863 MHz	63.4 dB	68.2 dB
915 MHz	67.4 dB	68 dB

Magnetic field

13.56 MHz	94 dB

Measurements carried out by the Emitech laboratory on ISO 771, report RCE-EMIESS21-C228-ISO-1 (00).