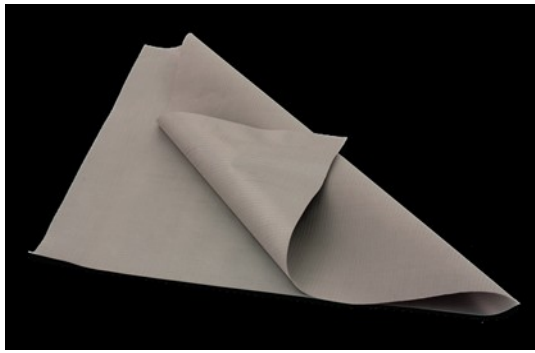




Nickel/Copper Polyester Mesh Fabric

Mesh LX BA

A1102001115BA

Physical Properties

Substrate-Polyester knit mesh, creating a breathable, flexible and conformable fabric.

Metal-Nickel/Copper mesh, combining corrosion resistance with high electrical conductivity.

Thickness-(nominal) 0.007 inches/178 microns, creating a thin and flexible mesh fabric.

Total Weight-1.3-2.3 oz/yd² , 44-78 g/m².

Metal Weight- 0.40-80 oz/yd² , 13.5-27.0 g/m², yielding excellent electrical properties.

Maximum Short Duration Temperature-210°C/410°F, allows thermal processing.

Electrical Properties

Surface Resistivity (ASTM F390)- ≤0.01 Ω/□

Far-Field Shielding-30MHz-300MHz ave 60 dB

300MHz- 3GHz ave 53 dB

3 GHz-18 GHz ave 38 dB

Tensile Strength-CMD/MD (ASTM D5035) 20 lb/in , 352N/100mm

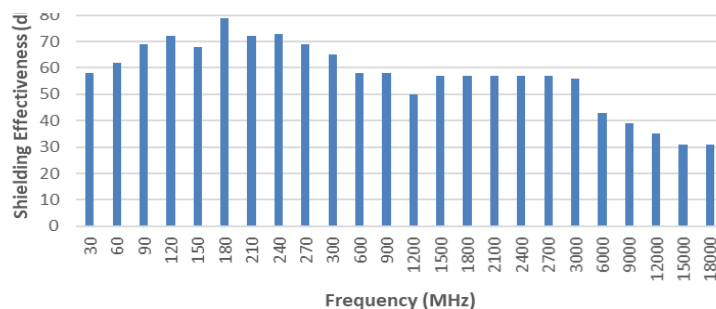
Elongation-MD (ASTM D5035) 30%

CMD- Cross Machine Direction, **MD** Machine Direction

These are typical values for grieg fabric and not for spec purpose.



A1102001115BA Nickel /Copper PET Mesh



MARKETS

- Cabinet applications
- LCD and Plasma TV
- Medical equipment
- Servers
- Printers
- Laptop computers

FEATURES

- RoHS compliant
- Halogen-free per IEC-61249-2-21 standard
- Low surface resistivity of ≤0.10 Ω/□ provides excellent conductivity

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