

MAJR Products Tin – Copper plated fabric

Product Summary

MAJR Products tin–copper plated non-woven fabric is designed for any application where an instant shield between two adjoining surfaces is required.

Product Application

This shielding fabric is widely used as a base material for shielding gaskets, garments, EMI/RFI cable shielding, wall coverings for shielded rooms, and as a lining of electronic enclosures to reduce radiated emissions and system crosstalk. The fabric can be die-cut to your specifications / configuration, or supplied as a roll. Rolls are 300M (328 Yards) slit to a width of 1M (39.0 in.).

Shielding effectiveness is 90 dB from 30 MHz to 1 GHz per a modified MIL-STD 285 test.

Surface resistance is 0.05 Ohm per sq. max. with an average of 0.03 Ohm per sq.



Product Technical Data

PURPOSE:	Conductive fabric for general use
DESCRIPTION:	Tin-copper plated, non-woven
SURFACE RESISTIVITY:	0.05 Ohms/□ Max ---average 0.03 Ohms/□
SHIELDING EFFECTIVENESS:	Average 90db from 30Mhz to 1Ghz
ABRASION RESISTANCE:	100,000 Cycles
TEMPERATURE RANGE:	-40°C to 90°C
TOTAL THICKNESS:	.254mm to .381mm (.010" to .015") nominal
NUMBER OF SPLICES:	1:137 meters (1:100 yards) average
TYPE OF SPLICE:	Sewn splice (Butterfly)
ROLL SLIT WIDTHS:	1M ± 2.5cm (39.5" ± 1.0")
ROLL LENGTH:	300M ± 10% (328 yards ± 10%) average

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