

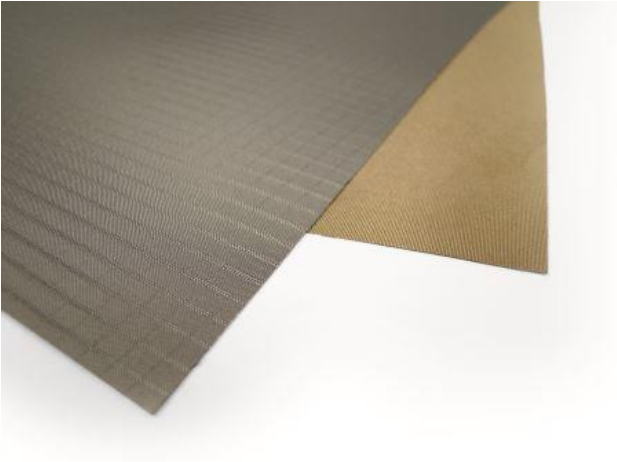
CONDUCTIVE FABRIC

RGW-M-80-PCNR

RGW-M-80-PCNR is a 100 % polyester mesh and provides an excellent shielding effectiveness. It is supplied with a copper nickel tin (CuNi-Sn) metal coating.

Depending on customer's requirements the fabrics and fleeces are fitted with a conductive or non-conductive adhesive and are delivered on roll with a maximum width of 1.070 mm.

- Supplied on roll with a maximum width of 1.120 mm
- Also available in customer-specific width
- Available with conductive or non-conductive adhesive
- Available on roll as tape (with electrically conductive adhesive)
- Excellent conduction and superior shielding effectiveness
- Less reflection from a light and high optical transmittance



PRODUCT SPECIFICATIONS

PROPERTY		VALUE / TOLERANCE	TEST METHOD
Basic material		100 % polyester	-
Plating method		Ni + Cu + Ni-Sn	-
Colour		Black	-
Weight		34 g/m ² ± 3	ASTM D3776
Thickness		0,105 mm ± 0,005	ASTM D1777
Standard width		1.070 mm ± 10	Measure tape
Density	Warp Weft	90 ± 2 86 ± 2	ASTM D3775
Surface resistance		<0,2 Ω/□	Loresta EP
Shielding effectiveness	@100 MHz @500 MHz	52 dB 54 dB	ASTM D4935
Breaking strength	Warp Weft	192,3 N ± 10 182,5 N ± 10	ASTM D5034
Elongation	Warp Weft	31,4 % ± 5 30,7 % ± 5	ASTM D5034

Please note: Picture only shows an example of a conductive fabric.

CONFIGURATIONS AVAILABLE

- On roll in standard width
- On roll in customer-specific width
- On roll as tape with electrically conductive adhesive

CROSS SECTIONAL VIEW

