

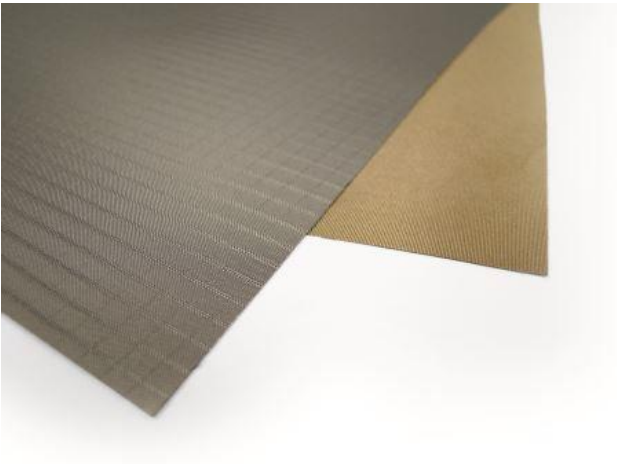
CONDUCTIVE FABRIC

RGW-W-290-PCN

RGW-W-290-PCN is a 100 % polyester fabric and provides an excellent shielding effectiveness. It is supplied with a copper nickel (CuNi) 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 1.070 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 (woven plane weave)	-
Plating method		Ni + Cu + Ni	-
Colour		Grey	-
Weight		81 g/m ² ± 5	ASTM D3776
Thickness		0,1 mm ± 0,01	ASTM D1777
Standard width		1.070 mm ± 10	Measure tape
Density	Warp Weft	188 ± 10 92 ± 10	ASTM D3775
Surface resistance		<0,05 Ω/□	JIS K 7194
Shielding effectiveness	@100 MHz @500 MHz	70 dB 78 dB	ASTM D4935
Breaking strength	Warp Weft	571,3 N ± 10 392 N ± 10	ASTM D5034
Elongation	Warp Weft	27,6 % ± 10 36,8 % ± 10	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

