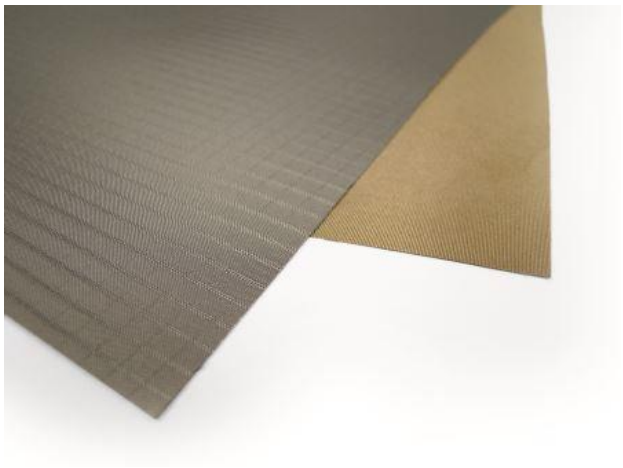
CONDUCTIVE FABRIC
RGW-NW-50-PCN

RGW-NW-50-PCN is a 100 % polyester fleece (non-woven) and provides an excellent conduction and superior 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 1.120 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**



RoHS ✓ REACH ✓ 12 13 REEL

PRODUCT SPECIFICATIONS

PROPERTY		VALUE / TOLERANCE	TEST METHOD
Basic material		100 % polyester (non-woven)	-
Plating method		Ni + Cu + Ni	-
Colour		Grey	-
Weight		74 g/m² ± 5	ASTM D3776
Thickness		0,19 mm ± 0,03	ASTM D1777
Standard width		1.120 mm ± 5	Measure tape
Surface resistance		<0,05 Ω/□	JIS K 7194
Shielding effectiveness	@100 MHz @500 MHz	67 dB 75 dB	ASTM D4935
Breaking strength	Warp Weft	16 kg/5 cm² ± 3 8 kg/5 cm² ± 2	ASTM D5034
Elongation	Warp Weft	18 % ± 3 18 % ± 3	ASTM D5034

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

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CONFIGURATIONS AVAILABLE

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

CROSS SECTIONAL VIEW