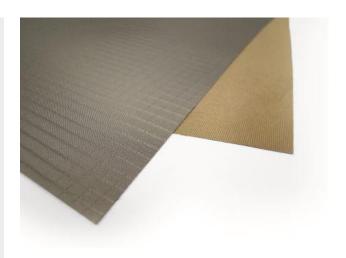
## **CONDUCTIVE FABRIC** RGW-NW-50-PCN



**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















### 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.

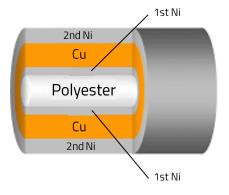
# **CONDUCTIVE FABRIC** RGW-NW-50-PCN



### **CONFIGURATIONS AVAILABLE**

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

#### **CROSS SECTIONAL VIEW**



Modifications and errors excepted. The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verifications and testings to determine the suitability for their own particular purpose of any information or products referred to herein.

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