

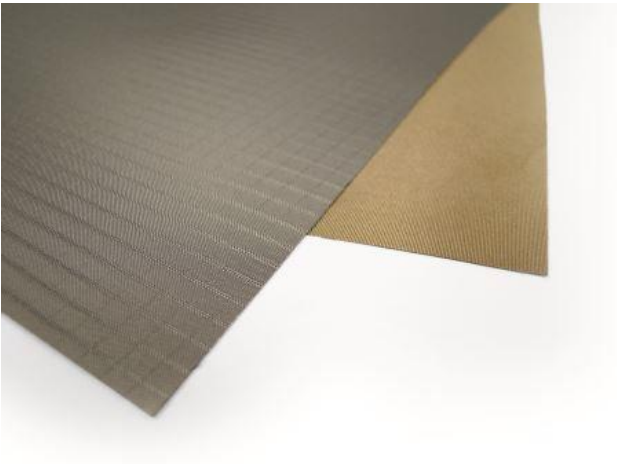
# CONDUCTIVE FABRIC

## RGW-WD-250-NICO

RGW-WD-250-NICO is a 100 % polyester fabric and provides an excellent shielding effectiveness. It is supplied with a Copper/Nickel/Cobalt 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)
- Superior to shield magnetic waves



### PRODUCT SPECIFICATIONS

PROPERTY		VALUE / TOLERANCE	TEST METHOD
Basic material		100 % polyester (woven)	-
Plating method		Ni + Cu + Ni-Co	-
Colour		Bright grey	-
Weight		100 g/m <sup>2</sup> ± 5	ASTM D3776
Thickness		0,11 mm ± 0,01	ASTM D1777
Standard width		1.070 mm ± 10	Measure tape
Density	Warp Weft	142 ± 10 118 ± 10	ASTM D3775
Surface resistance		<0,05 Ω/□	JIS K 7194
Shielding effectiveness	E-field M-field	85 dB 20 dB	ASTM D4935
Breaking strength	Warp Weft	566 N ± 10 432 N ± 10	ASTM D5034
Elongation	Warp Weft	34 % ± 10 30 % ± 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

