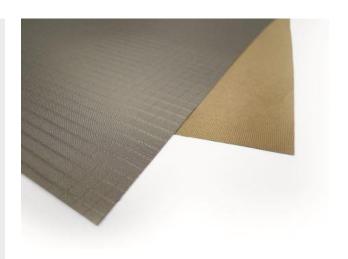
## **CONDUCTIVE FABRIC** RGW-M-80-PCNR



**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/m² ± 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.

# **CONDUCTIVE FABRIC** RGW-M-80-PCNR



### **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.