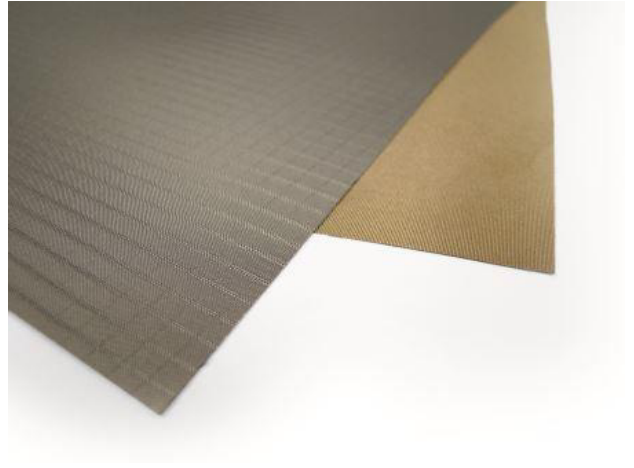


RGW-WR-260-PCN is a 100 % polyester fabric and provides an excellent shielding effectiveness. It is supplied with a copper nickel (CuNi) metal coating.

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 1.170 mm.

- Supplied on roll with a maximum width of 1.170 mm
- Also available in customer-specific width
- Available with conductive or non-conductive adhesive
- Available on roll as tape (with electrically conductive adhesive)
- ATU (Anti Tarnish Urethane) is possible on customer's request



PRODUCT SPECIFICATIONS

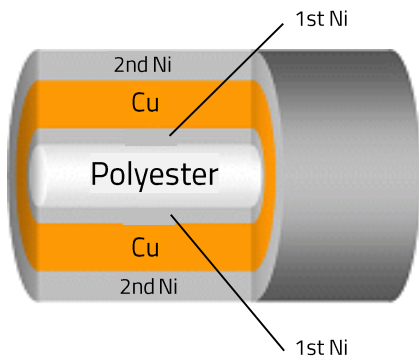
| PROPERTY | | VALUE / TOLERANCE | TEST METHOD |
|-------------------------|------|-------------------------------|---------------|
| Basic material | | 100 % polyester (rip-stop) | - |
| Plating method | | Ni + Cu + Ni | - |
| Colour | | Grey | - |
| Weight | | 80 g/m ² ± 5 | ASTM D3776 |
| Thickness | | 0,1 mm ± 0,01 | ASTM D1777 |
| Standard width | | 1.170 mm ± 5 | Measure tape |
| Density | Warp | 136 ± 10 | ASTM D3775 |
| | Weft | 126 ± 10 | |
| Surface resistance | | <0,03 Ω/□ | JIS K 7194 |
| Shielding effectiveness | | 80 – 90 dB @ 100 MHz - 18 GHz | ASTM D4935-89 |
| Breaking strength | Warp | 479 N ± 10 | ASTM D5034 |
| | Weft | 391 N ± 10 | |
| Elongation | Warp | 31,9 % ± 10 | ASTM D5034 |
| | Weft | 30,2 % ± 10 | |

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

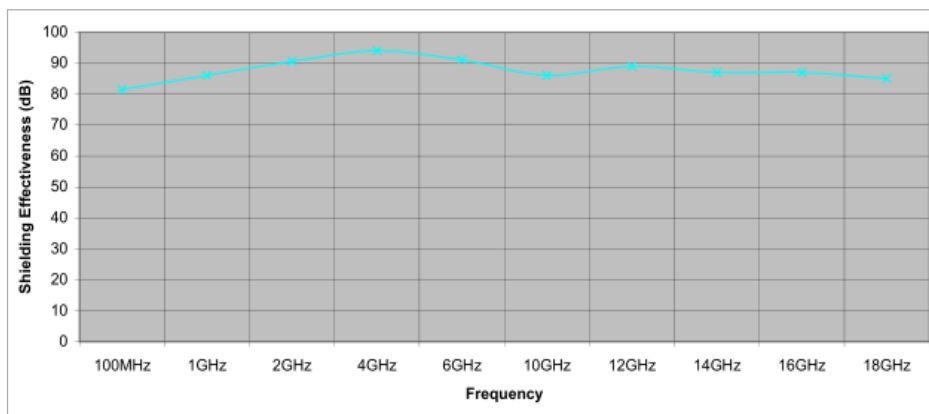
CONFIGURATIONS AVAILABLE

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

CROSS SECTIONAL VIEW



SHIELDING EFFECTIVENESS

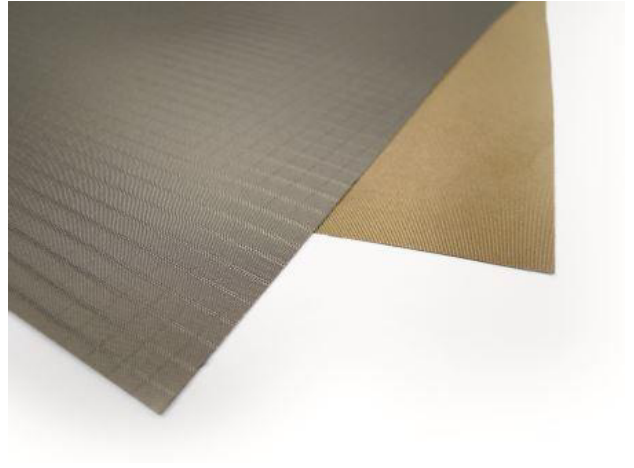


Modifications and errors excepted. The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verifications and testings to determine the suitability for their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

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

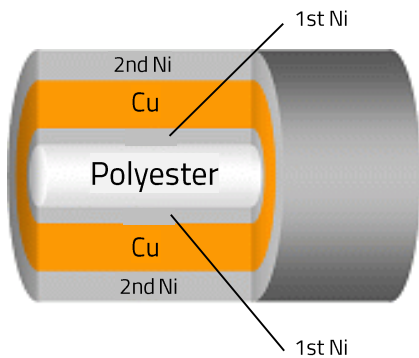
| PROPERTY | | VALUE / TOLERANCE | TEST METHOD |
|-------------------------|---------|--------------------------|--------------|
| Basic material | | 100 % polyester (woven) | - |
| Plating method | | Ni + Cu + Ni-Co | - |
| Colour | | Bright grey | - |
| Weight | | 100 g/m ² ± 5 | ASTM D3776 |
| Thickness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

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

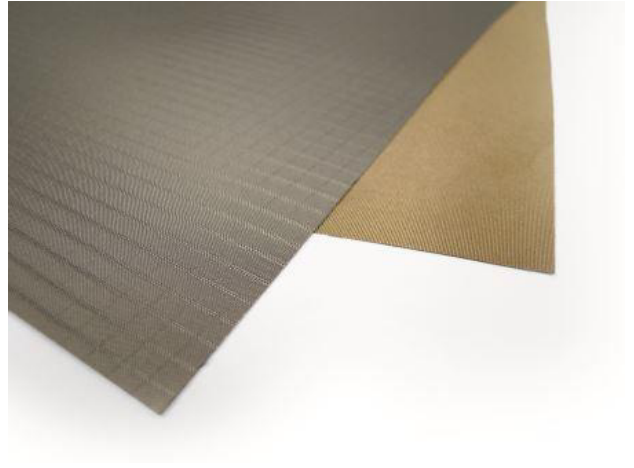
CROSS SECTIONAL VIEW



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

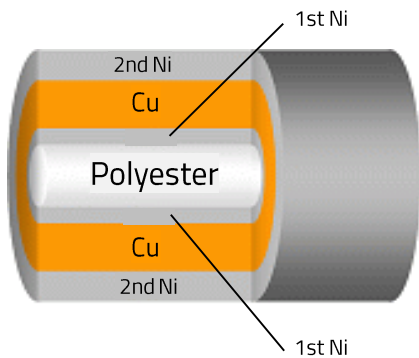
| PROPERTY | | VALUE / TOLERANCE | TEST METHOD |
|-------------------------|----------------------|-------------------------------------|--------------|
| Basic material | | 100 % polyester (woven plane weave) | - |
| Plating method | | Ni + Cu + Ni | - |
| Colour | | Grey | - |
| Weight | | 81 g/m ² ± 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

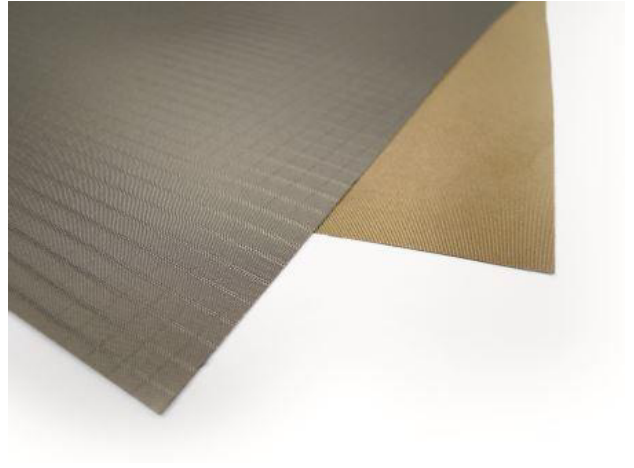
CROSS SECTIONAL VIEW



RGW-WR-260-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 conductivity in X, Y and Z axes



PRODUCT SPECIFICATIONS

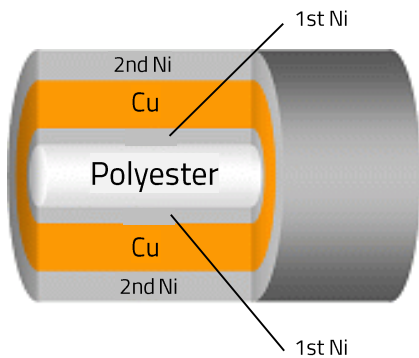
| PROPERTY | | VALUE / TOLERANCE | TEST METHOD |
|-------------------------|--------------|-------------------------------|---------------|
| Basic material | | 100 % polyester (woven) | - |
| Plating method | | Ni + Cu + Ni | - |
| Colour | | Grey | - |
| Weight | | 63 g/m ² ± 5 | ASTM D3776 |
| Thickness | | 0,055 mm ± 0,01 | ASTM D1777 |
| Standard width | | 1.070 mm ± 10 | Measure tape |
| Density | Warp Weft | 186 ± 10 1116 ± 10 | ASTM D3775 |
| Surface resistance | | <0,05 Ω/□ | JIS K 7194 |
| Shielding effectiveness | | 75 – 90 dB @ 100 MHz - 18 GHz | ASTM D4935-89 |
| Breaking strength | Warp Weft | 399 N ± 10 313 N ± 10 | ASTM D5034 |
| Elongation | Warp Weft | 30 % ± 10 40 % ± 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

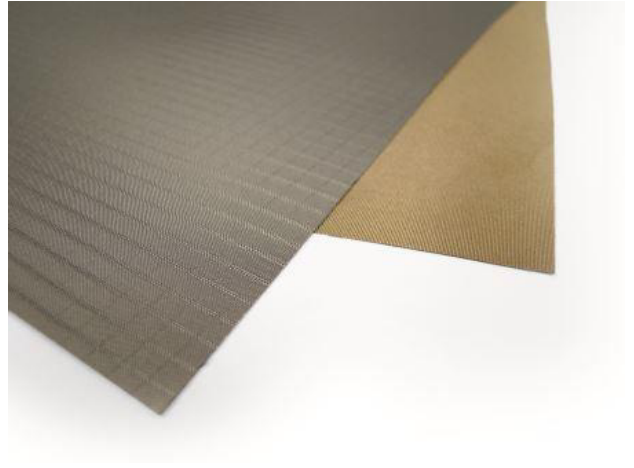
CROSS SECTIONAL VIEW



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

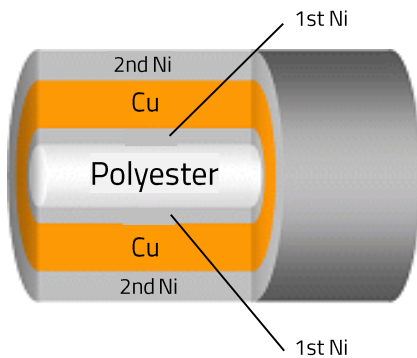
| PROPERTY | | VALUE / TOLERANCE | TEST METHOD |
|-------------------------|----------|-----------------------------|--------------|
| Basic material | | 100 % polyester (non-woven) | - |
| Plating method | | Ni + Cu + Ni | - |
| Colour | | Grey | - |
| Weight | | 74 g/m ² ± 5 | ASTM D3776 |
| Thickness | | 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 | 67 dB | ASTM D4935 |
| | @500 MHz | 75 dB | |
| Breaking strength | Warp | 16 kg/5 cm ² ± 3 | ASTM D5034 |
| | Weft | 8 kg/5 cm ² ± 2 | |
| Elongation | Warp | 18 % ± 3 | ASTM D5034 |
| | Weft | 18 % ± 3 | |

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

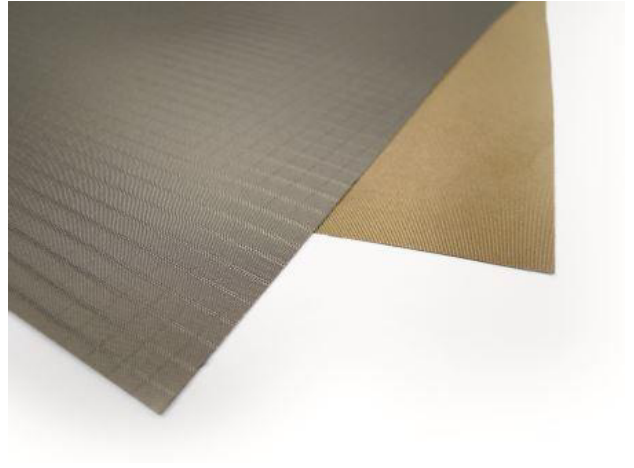
CROSS SECTIONAL VIEW



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/m ² ± 3 | ASTM D3776 |
| Thickness | | 0,105 mm ± 0,005 | ASTM D1777 |
| Standard width | | 1.070 mm ± 10 | Measure tape |
| Density | Warp | 90 ± 2 | ASTM D3775 |
| | Weft | 86 ± 2 | |
| Surface resistance | | <0,2 Ω/□ | Loresta EP |
| Shielding effectiveness | @100 MHz | 52 dB | ASTM D4935 |
| | @500 MHz | 54 dB | |
| Breaking strength | Warp | 192,3 N ± 10 | ASTM D5034 |
| | Weft | 182,5 N ± 10 | |
| Elongation | Warp | 31,4 % ± 5 | ASTM D5034 |
| | Weft | 30,7 % ± 5 | |

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

