

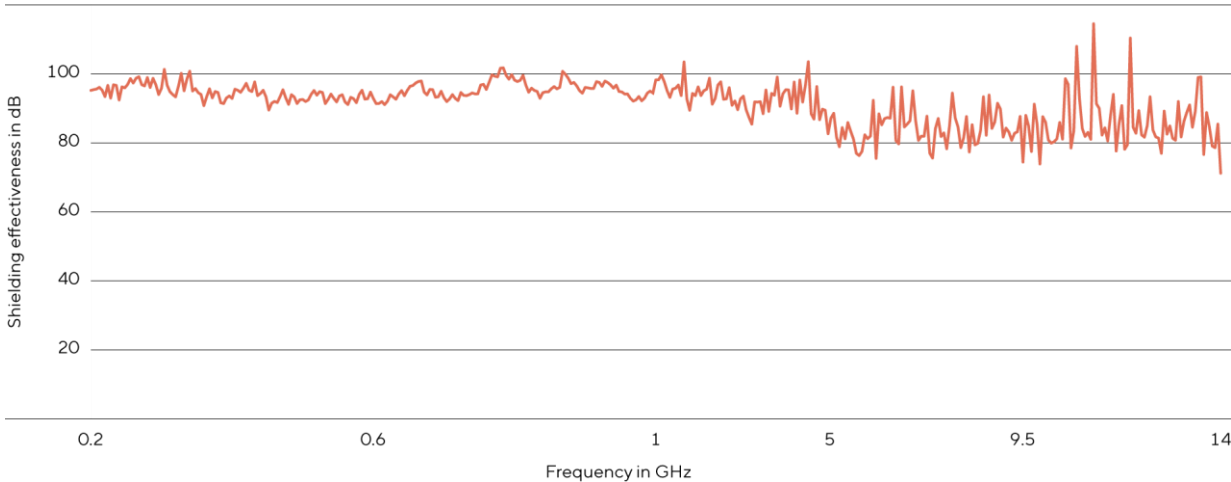


## Shieldex<sup>®</sup> Nora RS

1400101130



Shielding effectiveness 0.2 - 14 GHz according to IEEE 299/2006



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|                                       |   |
|---------------------------------------|---|
| <b>Raw Material</b>                   | 100 % Polyamide / Nylon 6.6                     |
| <b>Weave</b>                          | Ripstop   |
| <b>Thread density warp</b>            | 480-500 threads/dm                              |
| <b>Thread density weft</b>            | 450-490 threads/dm                              |
| <b>Metal Plated</b>                   | Silver + Copper + Nickel                        |
| <b>Material Composition</b>           | (42 % PA / 10 % Ag / 44 % Cu + / 4 % Ni) ± 12 % |
| <b>Electrical Surface Resistivity</b> | < 0.03 Ω/□                                      |
| <b>Measured Frequency</b>             | 0.2 GHz – 14 GHz                                |
| <b>Shielding Effectiveness 1</b>      | Average of 84 dB from 0.2 GHz – 2 GHz           |
| <b>Shielding Effectiveness 2</b>      | Average of 93 dB from 2 GHz – 5 GHz             |
| <b>Shielding Effectiveness 3</b>      | Average of 67 dB from 5 GHz – 14 GHz            |
| <b>Abrasion Resistance</b>            | ≤ 2000 cycles                                   |
| <b>Total Weight</b>                   | 83 g/m <sup>2</sup> ± 12 %                      |
| <b>Total Thickness</b>                | 0.11 mm ± 10 %                                  |
| <b>Roll Width</b>                     | 132 ± 4 cm                                      |
| <b>Roll Length</b>                    | Average 200 m                                   |
| <b>Temperature Range</b>              | -30 °C to 90 °C                                 |
| <b>Storage and Handling</b>           | According to our care and handling instructions |
| <b>Compliance and Certification</b>   | DIN EN ISO 9001:2015, REACH, RoHS               |

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