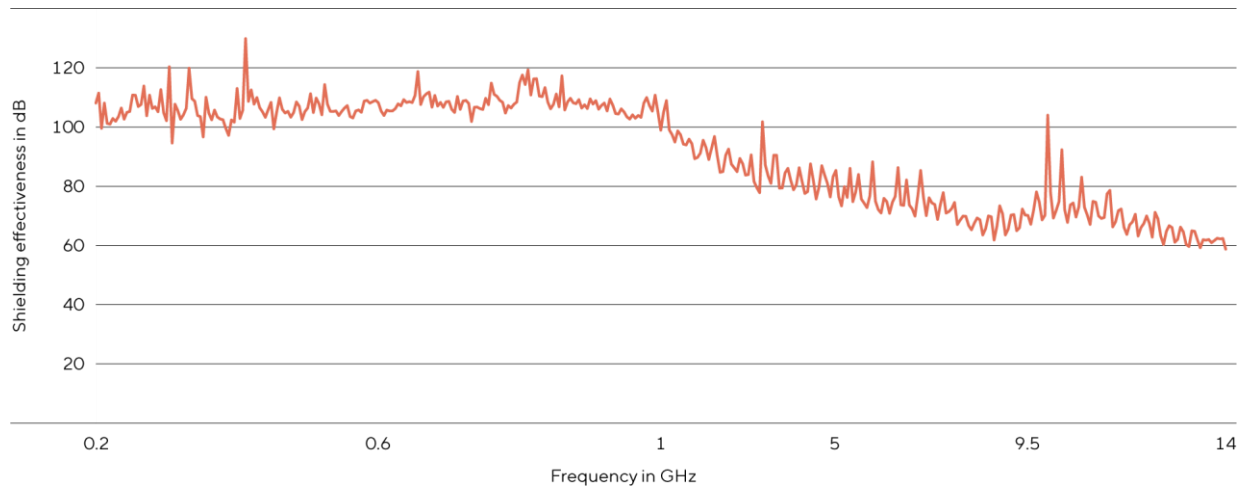


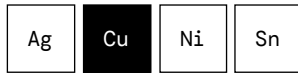


## Shieldex<sup>®</sup> Kiel + 30

1300301101

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





## Shieldex<sup>®</sup> Kiel + 30

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|                                       |                                                 |
|---------------------------------------|-------------------------------------------------|
| <b>Raw Material</b>                   | 100 % Polyamide / Nylon 6.6                     |
| <b>Non-woven</b>                      | PBN-II@ 1.3 oz spunbonded                       |
| <b>Metal Plated</b>                   | Copper                                          |
| <b>Metal Content</b>                  | 48.65 ± 3 % Copper + 4.86 ± 1% CR Coating       |
| <b>Electrical Surface Resistivity</b> | < 0.02 Ω/□                                      |
| <b>Measured Frequency</b>             | 0.2 GHz – 14 GHz                                |
| <b>Shielding Effectiveness 1</b>      | Average of < 107 dB from 0.2 GHz – 2 GHz        |
| <b>Shielding Effectiveness 2</b>      | Average of < 85 dB from 2 GHz – 5 GHz           |
| <b>Shielding Effectiveness 3</b>      | Average of < 71 dB from 5 GHz – 14 GHz          |
| <b>Abrasion Resistance</b>            | ≥ 20000 cycles                                  |
| <b>Total Weight</b>                   | 100 g/m <sup>2</sup> ± 15 %                     |
| <b>Total Thickness</b>                | 0.250 mm                                        |
| <b>Roll Width</b>                     | 100 ± 2 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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