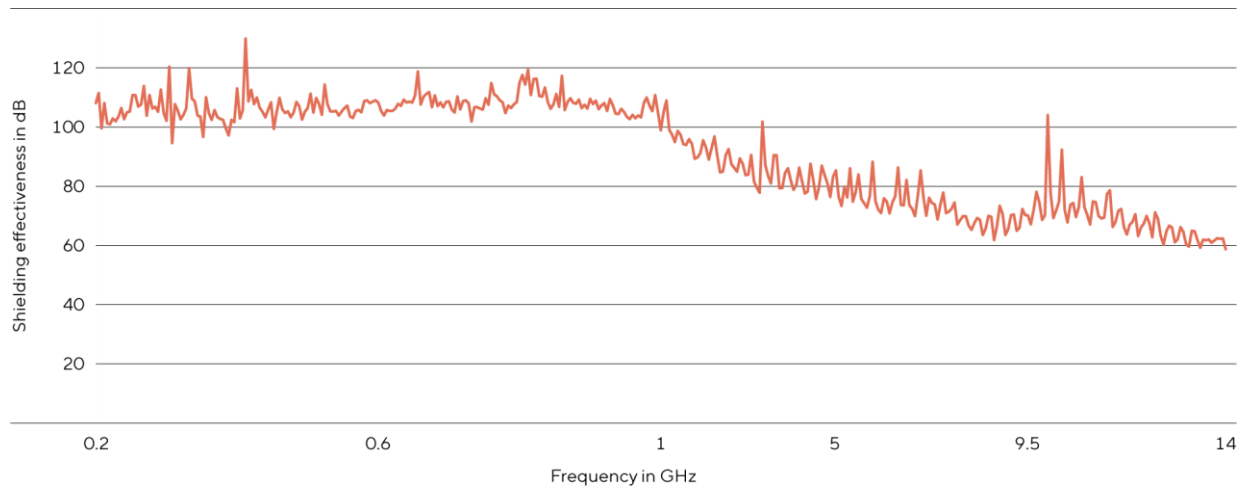


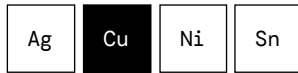


## Shieldex<sup>®</sup> Kiel Wallpaper

130035290

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





## Shieldex<sup>®</sup> Kiel Wallpaper

130035290

<b>Raw Material</b>	100 % Polyamide / Nylon 6.6
<b>Non-woven</b>	PBN-II® 1.3 oz spunbonded + fiber-reinforced paper-back
<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
<b>Total Weight</b>	215 g/m <sup>2</sup> ± 15 %
<b>Total Thickness</b>	0.50 mm ± 5 %
<b>Roll Width</b>	90 ± 1 cm
<b>Roll Length</b>	20 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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