

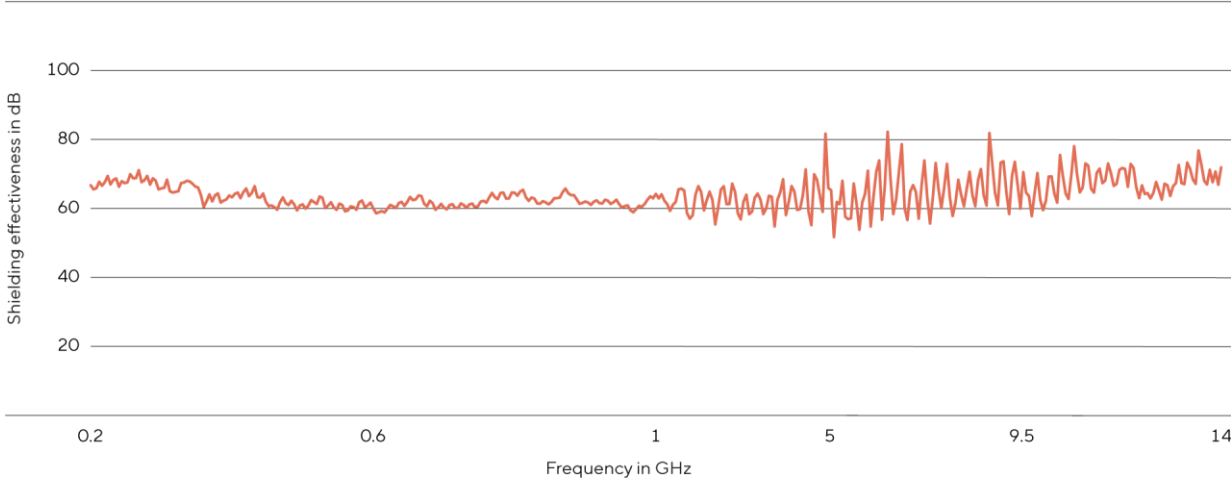
Ag	Cu	Ni	Sn
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## Shieldex<sup>®</sup> Bremen PW

1100201130



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

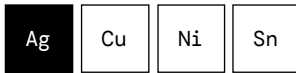


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<b>Raw Material</b>	100 % Polyamide / Nylon 6.6
<b>Weave</b>	Plain weave
<b>Thread density warp</b>	≈ 480-500 threads/dm
<b>Thread density weft</b>	≈ 460-480 threads/dm
<b>Metal Plated</b>	Silver
<b>Material Composition</b>	(82 % PA / 18 % Ag) ± 10 %
<b>Electrical Surface Resistivity</b>	< 0.3 Ω/□
<b>Measured Frequency</b>	0.2 GHz – 14 GHz
<b>Shielding Effectiveness 1</b>	Average of 63 dB from 0.2 GHz – 2 GHz
<b>Shielding Effectiveness 2</b>	Average of 63 dB from 2 GHz – 5 GHz
<b>Shielding Effectiveness 3</b>	Average of 67 dB from 5 GHz – 14 GHz
<b>Total Weight</b>	43 g/m <sup>2</sup> ± 10 %
<b>Total Thickness</b>	0.06 mm ± 12 %
<b>Roll Width</b>	130 ± 3 cm
<b>Roll Length</b>	Average 100 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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