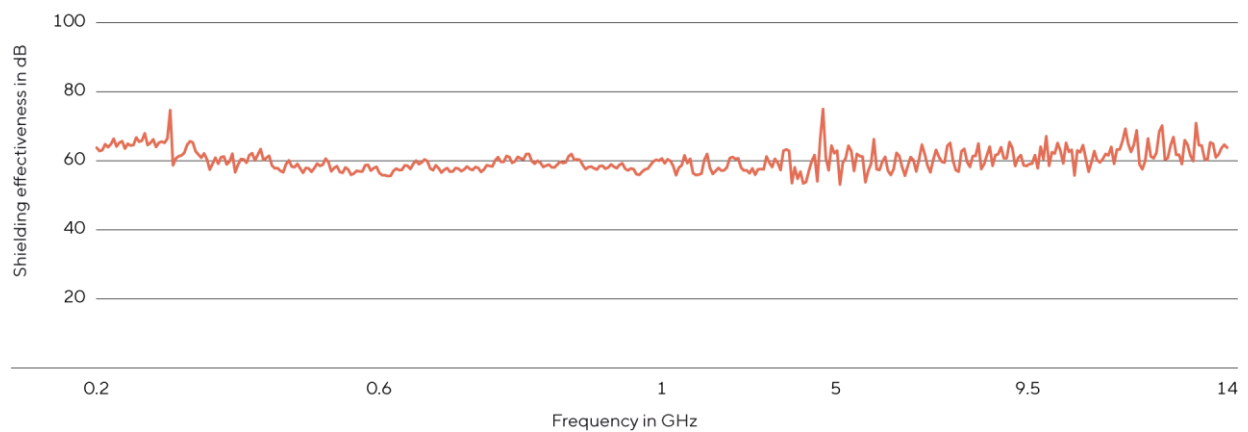


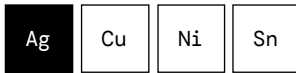


## Shieldex<sup>®</sup> Berlin RS

1200131127D1

Shielding effectiveness 0.2 - 14 GHz according to IEEE 299/200





## Shieldex® Berlin RS

1200131127D1

<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>	99.9 % Pure Silver
<b>Metal Content</b>	13.79 ± 2 % Silver + 25.86 ± 3 % PU Coating
<b>Electrical Surface Resistivity</b>	< 0.3 Ω/□ (max.< 0.5 Ω/□)
<b>Measured Frequency</b>	0.2 GHz – 14 GHz
<b>Shielding Effectiveness 1</b>	Average of < 62 dB from 0.2 GHz – 2 GHz
<b>Shielding Effectiveness 2</b>	Average of < 61 dB from 2 GHz – 5 GHz
<b>Shielding Effectiveness 3</b>	Average of < 65 dB from 5 GHz – 14 GHz
<b>Abrasion Resistance</b>	≥ 20000 cycles
<b>Total Weight</b>	58 g/m <sup>2</sup> ± 10 %
<b>Total Thickness</b>	0.10 mm ± 12 %
<b>Roll Width</b>	128 ± 3 cm
<b>Roll Length</b>	Average 100/200/300 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>	OEKO-TEX® Standard 100, DIN EN ISO 9001, REACH, RoHS

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