

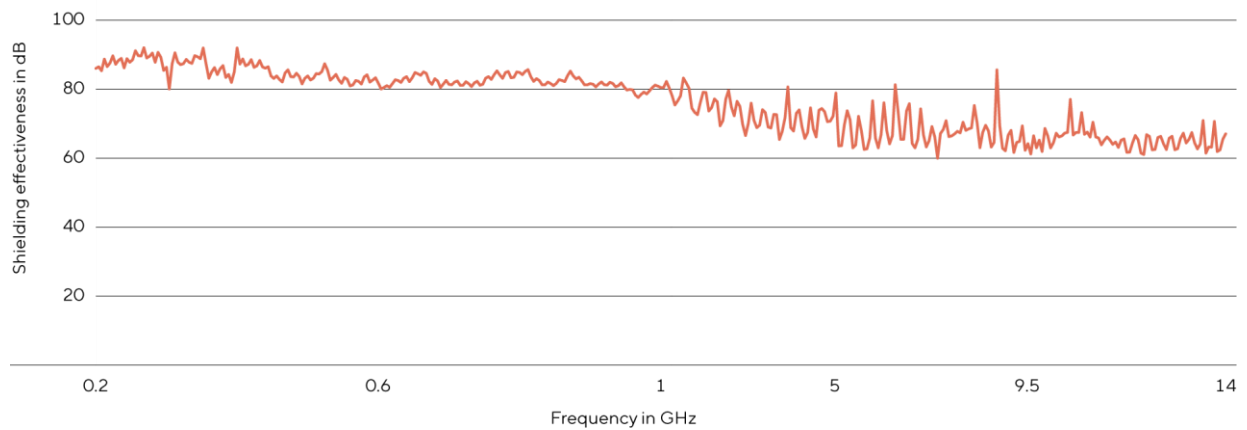


## Shieldex<sup>®</sup> Zell RS

1500101130



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





## Shieldex® Zell RS

1500101130



<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>	10.39 % Silver + 40.16 % Copper + 4% Tin
<b>Electrical Surface Resistivity</b>	< 0.02 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 < 72 dB from 2 GHz – 5 GHz
<b>Shielding Effectiveness 3</b>	Average of < 67 dB from 5 GHz – 14 GHz
<b>Total Weight</b>	77 g/m <sup>2</sup> ± 15 %
<b>Total Thickness</b>	0.11 mm ± 15 %
<b>Roll Width</b>	130 ± 4 cm
<b>Roll Length</b>	200 ± 10 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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