

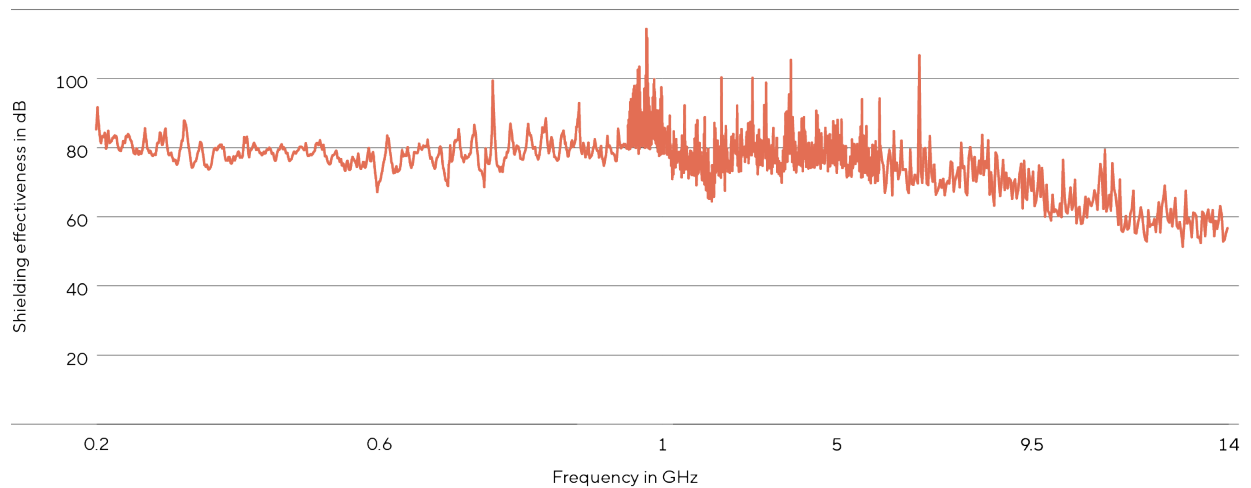


## Shieldex<sup>®</sup> Pisa PES RS

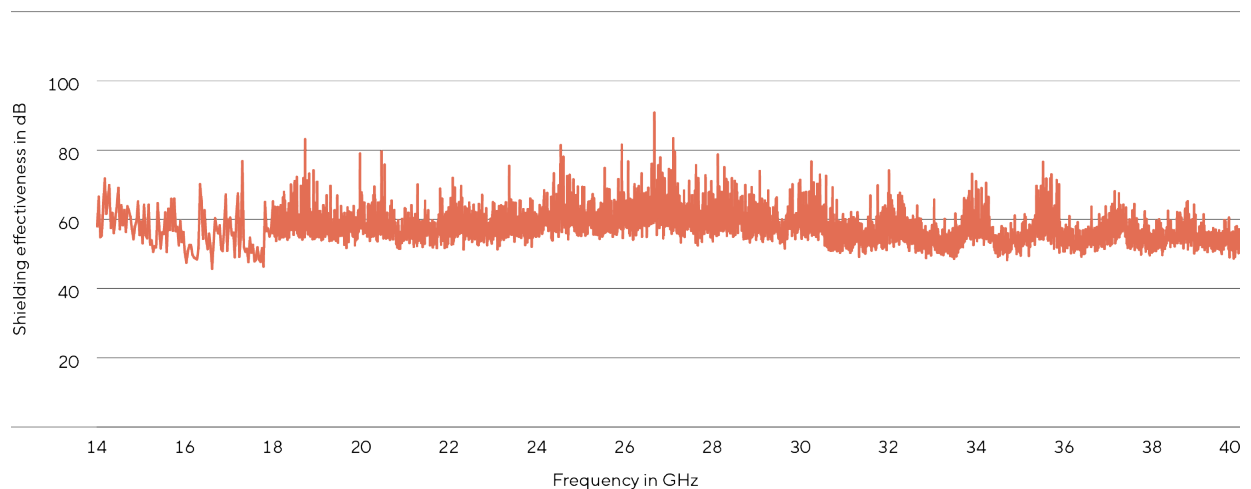
1402101135



Shielding effectiveness 0.2 – 14 GHz according to IEEE 299/2006 / MIL STD 188-125



Shielding effectiveness 14 – 40 GHz according to IEEE 299/2006 / MIL STD 188-125





## Shieldex® Pisa PES RS

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<b>Raw Material</b>	100 % Polyester
<b>Weave</b>	Ripstop
<b>Thread density warp</b>	≈ 580 threads/dm
<b>Thread density weft</b>	≈ 450 threads/dm
<b>Metal Plated</b>	Copper + Nickel
<b>Material Composition</b>	(35 % PES / 61 % Cu / 4 % Ni) ± 10 %
<b>Electrical Surface Resistivity</b>	≤ 0.05 Ω/□
<b>Measured Frequency</b>	0.2 GHz - 14 GHz
<b>Shielding Effectiveness</b>	Up to 75 dB
<b>Abrasion Resistance</b>	≤ 3000 cycles
<b>Total Weight</b>	80 g/m <sup>2</sup> ± 10 %
<b>Total Thickness</b>	0.09 mm ± 12 %
<b>Roll Width</b>	134 ± 3 cm
<b>Roll Length</b>	< 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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