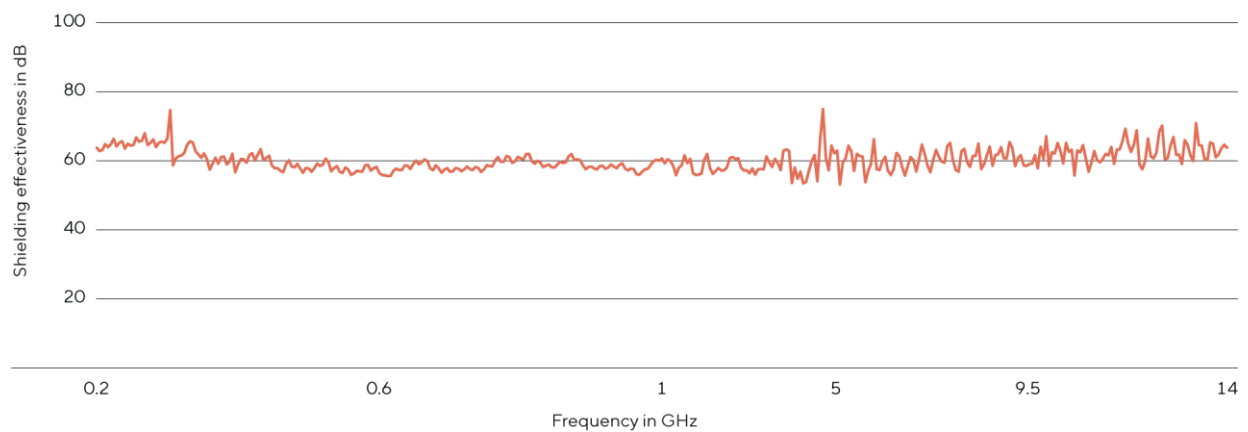


## Shieldex<sup>®</sup> Berlin RS

1200131127D1

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



Ag	Cu	Ni	Sn
----	----	----	----

## Shieldex<sup>®</sup> 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>	Silver
<b>Material Composition</b>	(60 % PA / 14 % Ag / 25 % /PU Coating) ± 10 %
<b>+ PU Coating</b>	Conductive Polyurethane
<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 <sup>®</sup> STANDARD 100, DIN EN ISO 9001, REACH, RoHS

**Alterations Reserved 14.09.2021/05** – The above information has been compiled from our manufacturer area according to the latest state of development and application technology. Since application and further processing are beyond our control, no liability of the producer can be derived from the contents of the data sheet. All deviant or transcending data sheet information must be confirmed in written form by the manufacturer. Our general terms and conditions apply in all cases. All previous data sheets are invalid with the publication of this data sheet. Please note our handling and storage instructions as well accessible at [www.shieldex.de](http://www.shieldex.de).