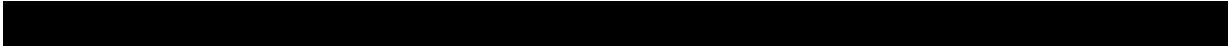


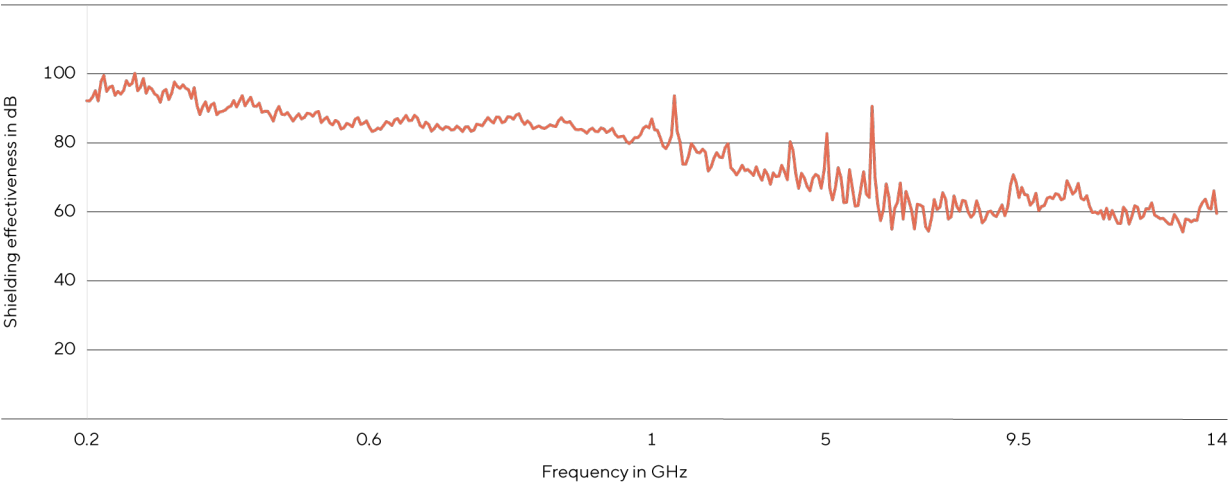
Ag	Cu	Ni	Sn
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## Shieldex<sup>®</sup> Köln

1300431100



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

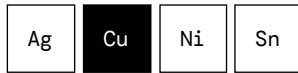


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## Shieldex<sup>®</sup> Köln

1300431100



<b>Raw Material</b>	100 % Polyamide / Nylon 6.6
<b>Non-woven</b>	Cerex <sup>®</sup> 1.5 oz spunbonded
<b>Metal Plated</b>	Copper
<b>Material Composition</b>	(45 % PA / 50.5 % Cu / 4.5 % CR Coating) ± 20 %
<b>+ CR Coating</b>	Protective acrylic coating
<b>Electrical Surface Resistivity</b>	< 0.02 Ω/□
<b>Measured Frequency</b>	0.2 GHz – 14 GHz
<b>Shielding Effectiveness</b>	Up to 77 dB
<b>Abrasion Resistance</b>	≥ 20000 cycles
<b>Total Weight</b>	80 g/m <sup>2</sup> ± 20 %
<b>Total Thickness</b>	0.160 mm ± 20 %
<b>Roll Width</b>	100 ± 3 cm
<b>Roll Length</b>	Average 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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**Alterations Reserved 05.09.2024/10** – 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).

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