

# shieldex

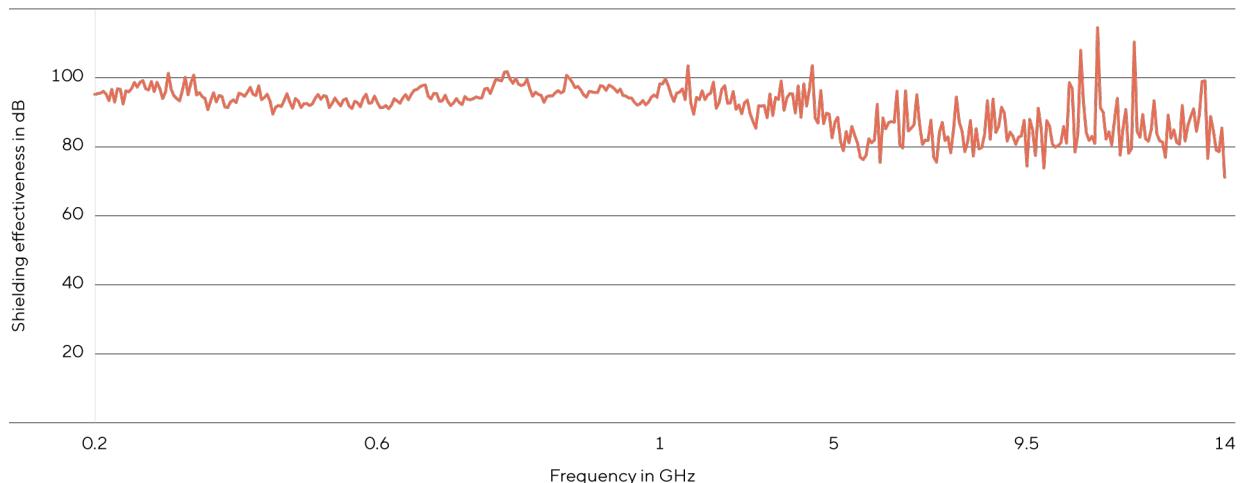
Ag Cu Ni Sn

## Shieldex® Nice

1400301100



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



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V Technical Textiles Inc.



## Shieldex® Nice

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<b>Raw Material</b>	100 % Polyamide / Nylon 6.6
<b>Non-woven</b>	PBN-II® 1.3 oz spunbonded
<b>Metal Plated</b>	Copper + Nickel
<b>Material Composition</b>	(55 % PA /44 % Cu / +1 % Ni) ± 15 %
<b>Electrical Surface Resistivity</b>	< 0.02 Ω/□
<b>Measured Frequency</b>	0.2 GHz – 14 GHz
<b>Shielding Effectiveness 1</b>	Average of 100 dB from 0.2 GHz – 2 GHz
<b>Shielding Effectiveness 2</b>	Average of 83 dB from 2 GHz – 5 GHz
<b>Shielding Effectiveness 3</b>	Average of 73 dB from 5 GHz – 14 GHz
<b>Total Weight</b>	105 g/m <sup>2</sup> ± 20 %
<b>Total Thickness</b>	0.35 mm ± 20 %
<b>Roll Width</b>	100 ± 3 cm
<b>Roll Length</b>	Average 100 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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