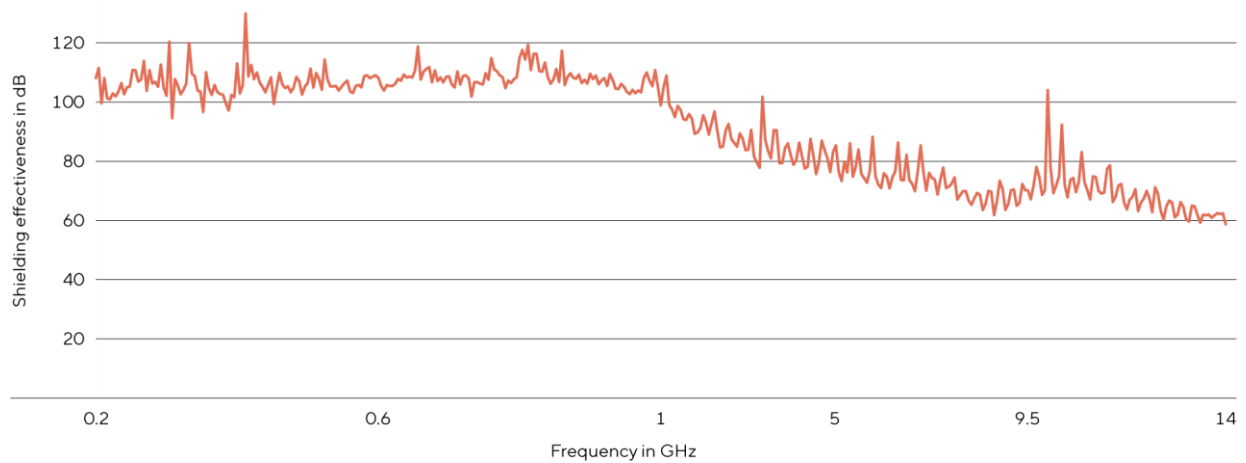




## Shieldex<sup>®</sup> Kiel + 30

1300301101

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



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

## Shieldex® Kiel + 30

1300301101

<b>Raw Material</b>	100 % Polyamide / Nylon 6.6
<b>Non-woven</b>	PBN-II® 1.3 oz spunbonded
<b>Metal Plated</b>	Copper
<b>Metal Content</b>	48.65 ± 3 % Copper + 4.86 ± 1 % CR Coating
<b>Electrical Surface Resistivity</b>	< 0.02 Ω/□
<b>Measured Frequency</b>	0.2 GHz – 14 GHz
<b>Shielding Effectiveness 1</b>	Average of < 107 dB from 0.2 GHz – 2 GHz
<b>Shielding Effectiveness 2</b>	Average of < 85 dB from 2 GHz – 5 GHz
<b>Shielding Effectiveness 3</b>	Average of < 71 dB from 5 GHz – 14 GHz
<b>Abrasion Resistance</b>	≥ 20000 cycles
<b>Total Weight</b>	100 g/m <sup>2</sup> ± 15 %
<b>Total Thickness</b>	0.250 mm
<b>Roll Width</b>	100 ± 2 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

**Alterations Reserved 01.05.2021/07** – 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).

**Statex Produktions-  
und Vertriebs GmbH**  
Kleiner Ort 9-11  
28357 Bremen, Germany

**Contact**  
Tel. +49 421 27 50 47  
Fax +49 421 27 36 43  
[info@shieldex.de](mailto:info@shieldex.de)

Supplied by:

[www.hitek-ltd.co.uk](http://www.hitek-ltd.co.uk)  
+44 (0)1724 851678



**HITEK**  
ELECTRONIC MATERIALS LTD