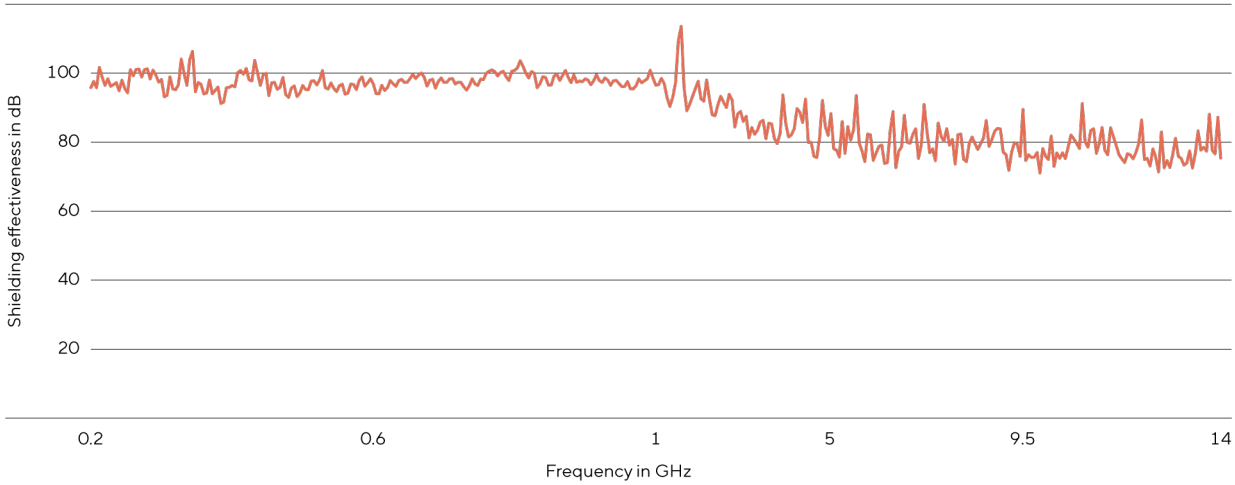
shieldex

Ag	Cu	Ni	Sn

Shieldex®
Kiel-SK-96

130043196

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



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

shieldex

Ag | **Cu** | Ni | Sn

Shieldex®
Kiel-SK-96

130043196

Raw Material	100 % Polyamide / Nylon 6.6
Non-woven	PBN-II® 1.3 oz spunbonded + self-adhesive back
Metal Plated	Copper
Material Composition w/o silicon back	(46,5 % PA / 48 % Cu / 4,5 % CR Coating) ± 10 %
+ CR Coating	Protective acrylic coating
Electrical Surface Resistivity	< 0.02 Ω/□
Measured Frequency	0.2 GHz – 14 GHz
Shielding Effectiveness	Up to 90 dB
Abrasion Resistance	≥ 20000 cycles
Total Weight (including silicon back)	330 g/m² ± 20 %
Total Thickness	0.56 mm ± 20 %
Roll Width	96 ± 1 cm
Roll Lenght	> 100 m
Temperature Range	-30 °C to 90 °C
Storage and Handling	According to our care and handling instructions
Compliance and Certification	DIN EN ISO 9001:2015, REACH, RoHS, Screening test using a praxis-near carrier test system following ISO 18184:2019 against the Bovine Coronavirus

Alterations Reserved 05.09.2024/09 – 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.

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