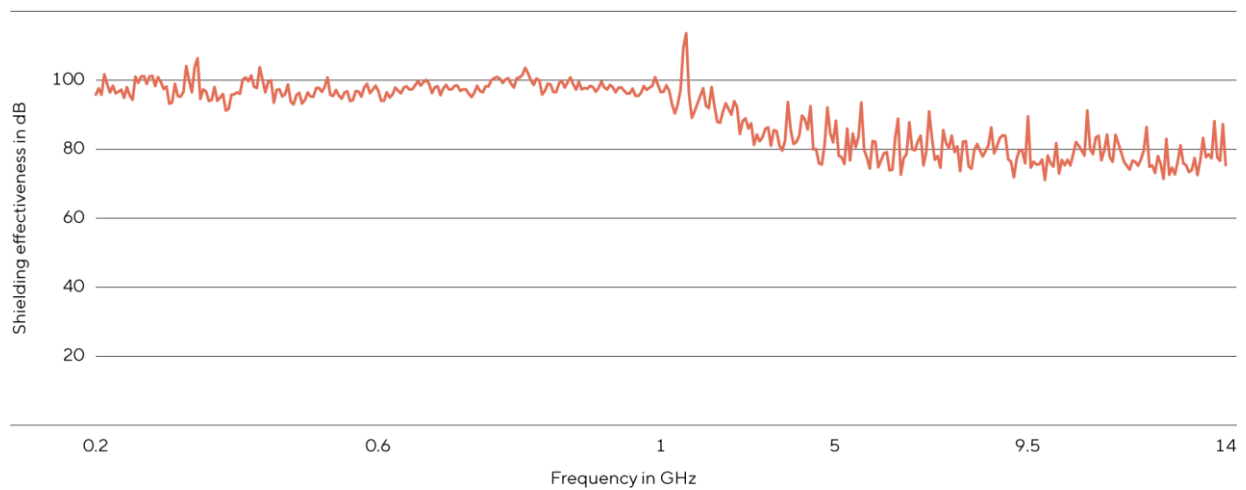


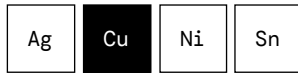


Shieldex® Kiel-SK-96

130043196

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





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
Metal Content	48.65 ± 3 % Copper + 4.86 ± 1 % CR Coating
Electrical Surface Resistivity	< 0.02 Ω/□
Measured Frequency	0.2 GHz – 14 GHz
Shielding Effectiveness 1	Average of < 98 dB from 0.2 GHz – 2 GHz
Shielding Effectiveness 2	Average of < 87 dB from 2 GHz – 5 GHz
Shielding Effectiveness 3	Average of < 79 dB from 5 GHz – 14 GHz
Abrasion Resistance	≥ 20000 cycles
Total Weight	330 g/m ² ± 20 %
Total Thickness	0.56 mm ± 20 %
Roll Width	96 ± 1 cm
Roll Length	> 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

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