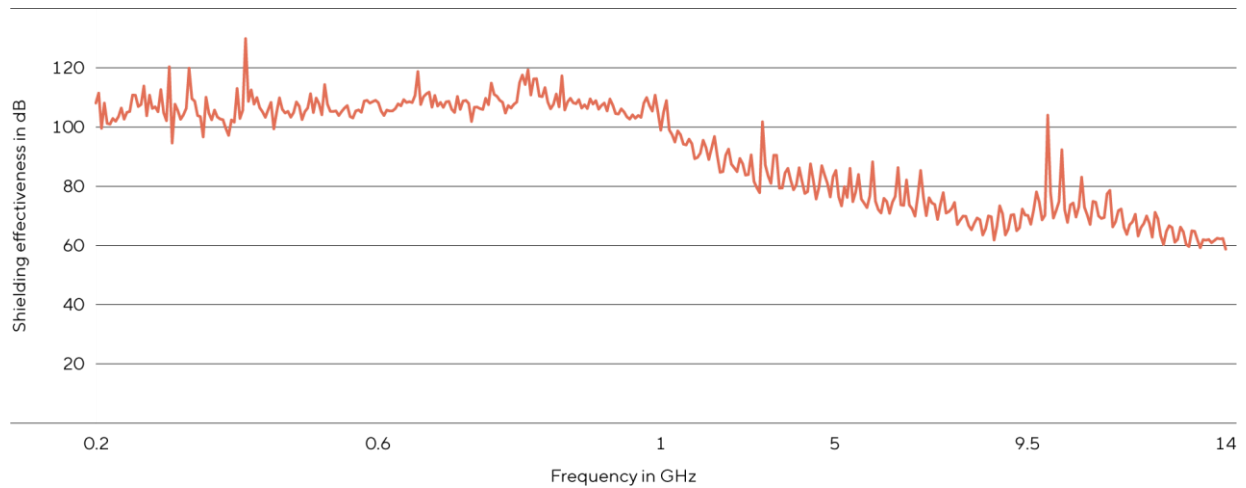


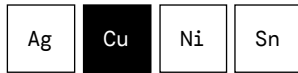


Shieldex[®] Kiel + 30

1300301101

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





Shieldex[®] Kiel + 30

1300301101

Raw Material	100 % Polyamide / Nylon 6.6
Non-woven	PBN-II@ 1.3 oz spunbonded
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 < 107 dB from 0.2 GHz – 2 GHz
Shielding Effectiveness 2	Average of < 85 dB from 2 GHz – 5 GHz
Shielding Effectiveness 3	Average of < 71 dB from 5 GHz – 14 GHz
Abrasion Resistance	≥ 20000 cycles
Total Weight	100 g/m ² ± 15 %
Total Thickness	0.250 mm
Roll Width	100 ± 2 cm
Roll Length	Average 200 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

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.