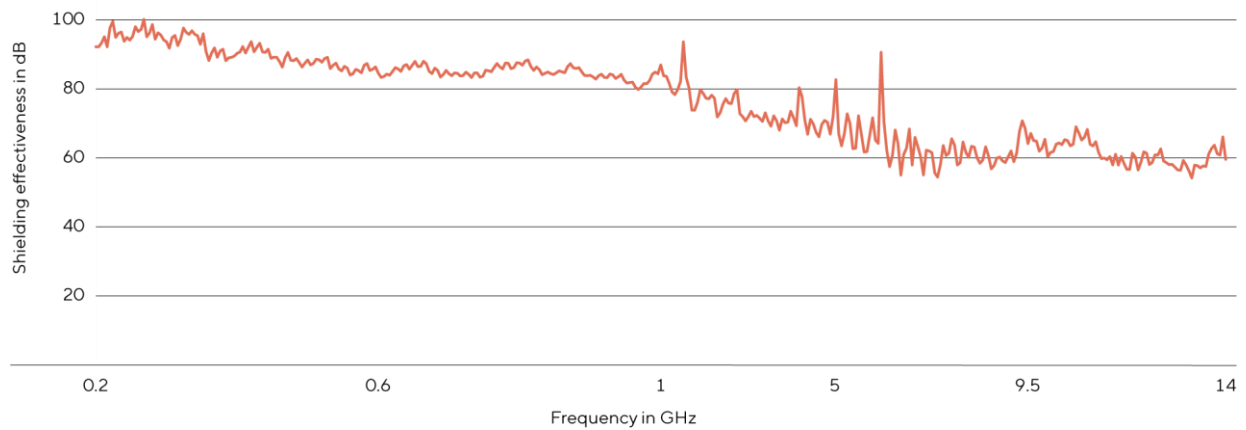


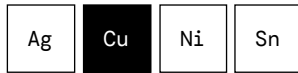


Shieldex[®] Köln

1300431100

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





Shieldex® Köln

1300431100

Raw Material	100 % Polyamide / Nylon 6.6
Non-woven	PBN-II® 1.5 oz spunbonded
Metal Plated	Copper
Metal Content	50.5 ± 2 % Copper + 4.5 ± 1 % CR Coating
Electrical Surface Resistivity	< 0.02 Ω/□
Measured Frequency	0.2 GHz – 14 GHz
Shielding Effectiveness 1	Average of < 88 dB from 0.2 GHz – 2 GHz
Shielding Effectiveness 2	Average of < 73 dB from 2 GHz – 5 GHz
Shielding Effectiveness 3	Average of < 63 dB from 5 GHz – 14 GHz
Abrasion Resistance	≥ 20000 cycles
Total Weight	95 g/m ²
Total Thickness	0.160 mm ± 20 %
Roll Width	100 ± 3 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	Hohenstein Antibacterial Activity / Z-787074, DIN EN ISO 9001:2015, REACH, RoHS

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