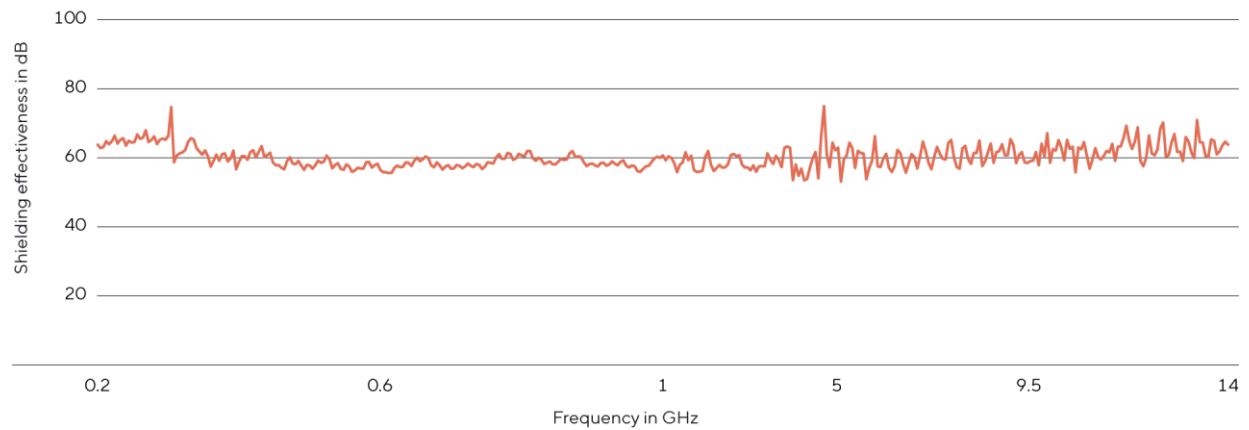


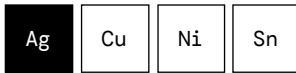
Ag	Cu	Ni	Sn
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Shieldex[®] Bremen RS

110010180

Shielding effectiveness 0.2 – 14 GHz according to IEEE 299/200





Shieldex® Bremen RS

110010180

Raw Material	100 % Polyamide / Nylon 6.6
Weave	Ripstop
Thread density warp	≈ 480-500 threads/dm
Thread density weft	≈ 450-490 threads/dm
Metal Plated	99.9 % Pure Silver
Metal Content	18.60 ± 2 % Silver
Electrical Surface Resistivity	Average < 0.3 Ω/□
Measured Frequency	0.2 GHz – 14 GHz
Shielding Effectiveness 1	Average of < 60 dB from 0.2 GHz – 2 GHz
Shielding Effectiveness 2	Average of < 60 dB from 2 GHz – 5 GHz
Shielding Effectiveness 3	Average of < 62 dB from 5 GHz – 14 GHz
Abrasion Resistance	500 cycles
Total Weight	43 g/m ² ± 10 %
Total Thickness	0.090 mm ± 12 %
Roll Width	134 ± 3 cm
Roll Length	Average 100 m
Temperature Range	-30 °C to 90 °C
Storage and Handling	According to our care and handling instructions
Compliance and Certification	OEKO-TEX® Standard 100, Hohenstein Antibacterial Activity / Z-787074, DIN EN ISO 9001:2015, REACH, RoHS

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