

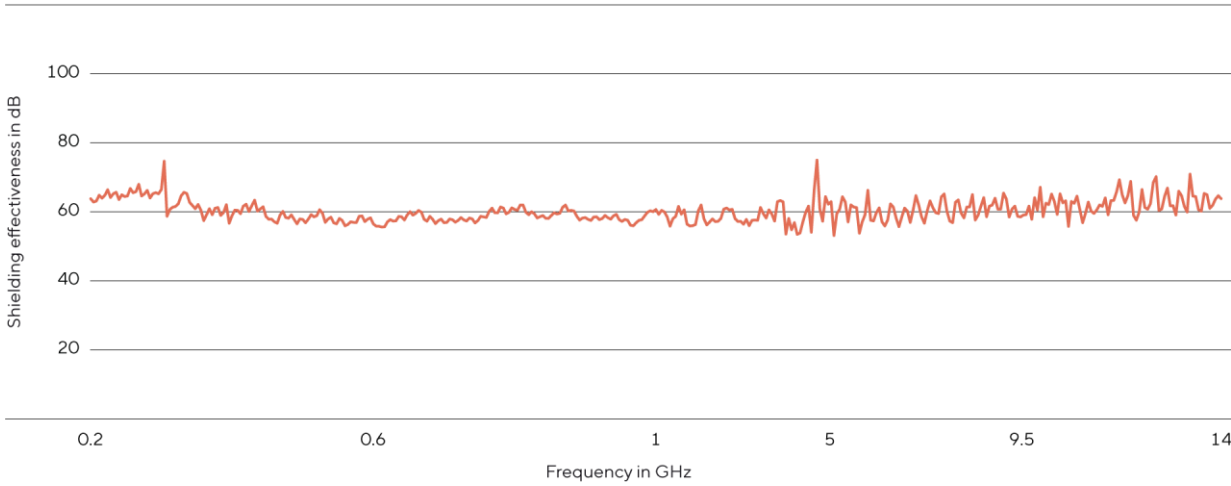
Ag	Cu	Ni	Sn
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Shieldex[®] Bremen RS

110010180



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

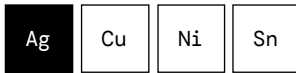


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Raw Material	100 % Polyamide / Nylon 6.6
Weave	Ripstop
Thread density warp	≈ 480-500 threads/dm
Thread density weft	≈ 450-490 threads/dm
Metal Plated	Silver
Material Composition	(82 % PA / 18 % Ag) ± 10 %
Electrical Surface Resistivity	Average < 0.3 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

Alterations Reserved 16.09.2021/09 – 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.

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