

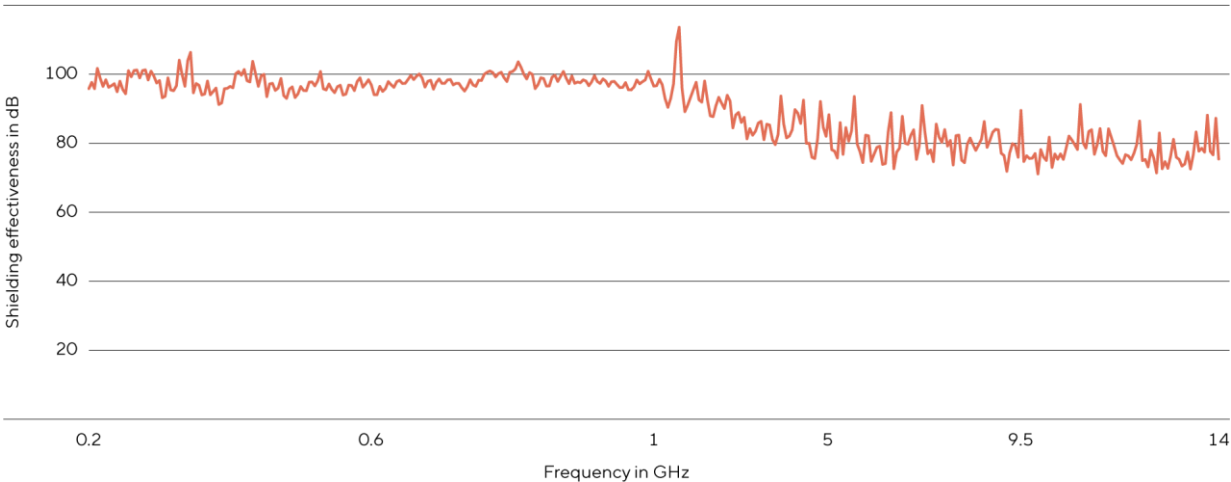
| | | | |
|----|----|----|----|
| Ag | Cu | Ni | Sn |
|----|----|----|----|

Shieldex[®] Kiel-SK-96

130043196



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

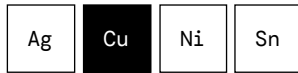


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Shieldex[®] Kiel-SK-96

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| | |
|--|---|
| Raw Material | 100 % Polyamide / Nylon 6.6 |
| Non-woven | PBN-II® 1.3 oz spunbonded + self-adhesive back |
| Metal Plated | Copper |
| Material Composition w/o silicon back | (46,5 % PA / 48 % Cu / 4,5 % CR Coating) ± 10 % |
| + CR Coating | Protective acrylic 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 (including silicon back) | 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 |

Alterations Reserved 22.09.2021/08 – 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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