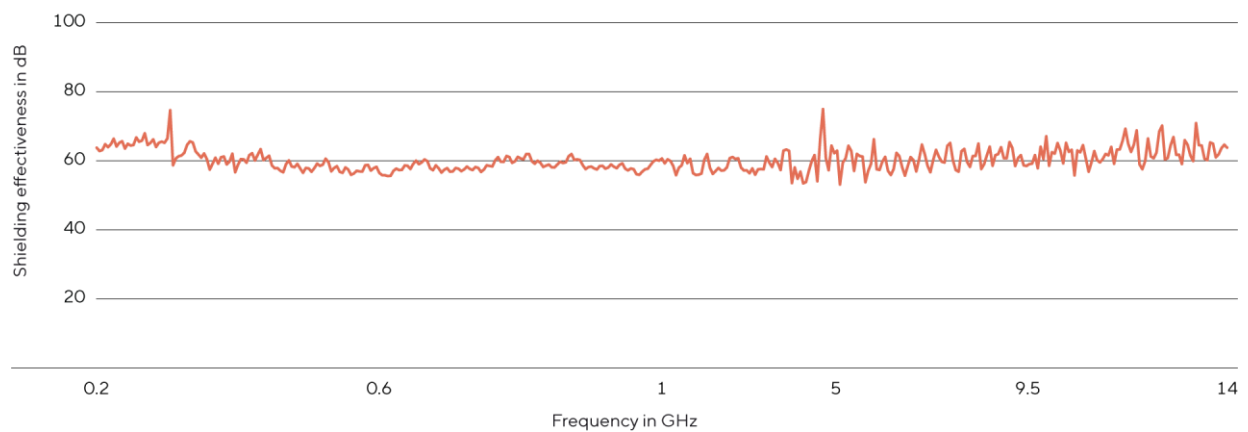


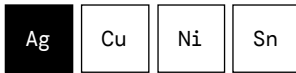


Shieldex[®] Berlin RS

1200131127D1

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





Shieldex® Berlin RS

1200131127D1



| | |
|---------------------------------------|--|
| 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 | 13.79 ± 2 % Silver + 25.86 ± 3 % PU Coating |
| Electrical Surface Resistivity | < 0.3 Ω/□ (max.< 0.5 Ω/□) |
| Measured Frequency | 0.2 GHz – 14 GHz |
| Shielding Effectiveness 1 | Average of < 62 dB from 0.2 GHz – 2 GHz |
| Shielding Effectiveness 2 | Average of < 61 dB from 2 GHz – 5 GHz |
| Shielding Effectiveness 3 | Average of < 65 dB from 5 GHz – 14 GHz |
| Abrasion Resistance | ≥ 20000 cycles |
| Total Weight | 58 g/m ² ± 10 % |
| Total Thickness | 0.10 mm ± 12 % |
| Roll Width | 128 ± 3 cm |
| Roll Length | Average 100/200/300 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, DIN EN ISO 9001, REACH, RoHS |

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