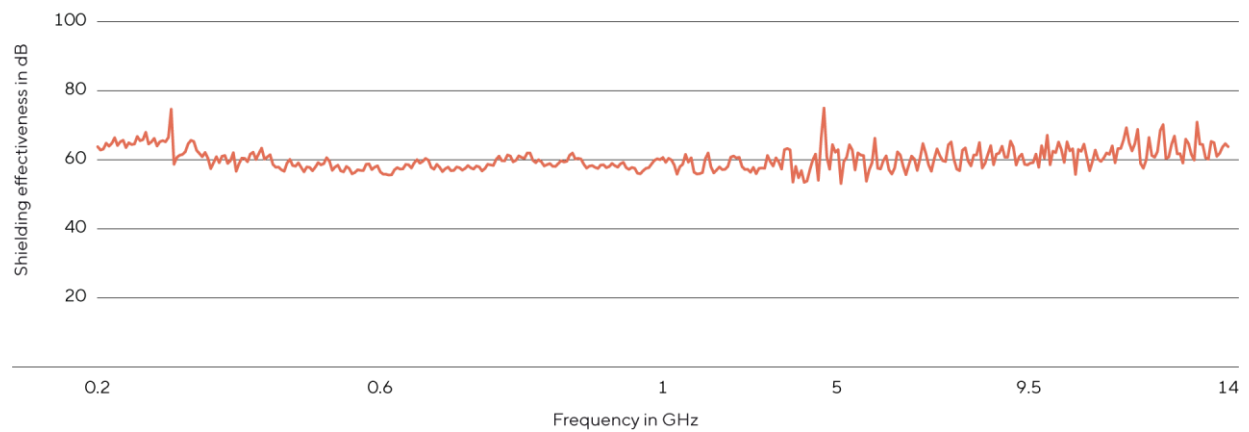


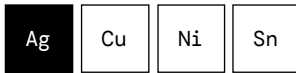
| | | | |
|----|----|----|----|
| Ag | Cu | Ni | Sn |
|----|----|----|----|

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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