Shieldex® Köln

- **Purpose:** Conductive nonwoven fabric for general use.
- **Description:** Copper (Cu) plated nonwoven fabric with protective coating.
- **Surface Resistivity:** < 0.06 Ω / □
- **RF Shielding Effectiveness:** Average up to 80 dB from 30 MHz to 10 GHz.
- **Abrasion Resistance:** 500,000 Cycles
- **Temperature Range:** -30°C to 90°C / -22°F to 194°F
- **Total Thickness:** 0.006 ±0.0012” (0.160mm ± 20%)
- **Weight:** 95 g/m² ± 20%
- **Roll Width:** 100cm ±3 cm / 39.4” ± 1.2”
- **Roll Length:** Average 200 m / 218 yds

**PRODUCT APPLICATION EXAMPLES**

- Base material for EMI/RFI gaskets
- Base material for EMI/RFI garments
- Base Material for conductive fabric tape
- EMI/RFI cable shielding