**Shieldex® Berlin**

- **Purpose:** Conductive fabric for general use,
- **Description:** Silver (Ag) plated fabric with conductive protective C2 (Black) coating on one side. Extreme high flexibility, advanced durability and reduced stress cracking.
- **Raw material:** Nylon ripstop fabric
- **Surface Resistivity:** Average < 0.3 Ohms / □ (max < 0.5 Ohms / □)
- **RF Shielding Effectiveness:** Average 60 db from 30Mhz to 10Ghz
- **Abrasion Resistance:** 1,000,000 Cycles
- **Temperature Range:** -40°C to 100°C / -40°F to 212°F
- **Total Thickness:** 0.004” (0.10mm) ± 12%
- **Number of Splices:** 1/100 Lm nominal
- **Weight:** 51 g/m² ± 10%
- **Roll Widths:** 52” (132cm) +1”
- **Master Roll Lengths:** Average 200 Lm / 280 Lyd

**PRODUCT APPLICATION EXAMPLES**

- RF Enclosures
- Base material for EMI/RFI gaskets
- Base material for EMI/RFI garments
- Shielding material for laminated flat I/O shielding panels
- EMI/RFI cable shielding
- Sensors

**Accreditations:**
- RoHS: Compliant
- Reach: Compliant
- Acc. ISO 9001:2000