**Berlin-LX PW**

- **Purpose**: Conductive fabric for general use.
- **Description**: Nickel/Copper (Ni/Cu) plated fabric with conductive protective C2 (Black) coating on one side. Extremely high flexibility, advanced durability, and reduced stress cracking.
- **Raw material**: Polyester plain weave fabric
- **Surface Resistivity**: < 0.05 Ohms /
- **RF Shielding Effectiveness**: Average 85 dB from 30MHz to 10GHz
- **Abrasion Resistance**: 200,000 Cycles
- **Temperature Range**: -40°C to 100°C / -40°F to 212°F
- **Total Thickness**: 0.004” (0.10mm) ± 10%
- **Weight**: 68g/m² ± 10%
- **Number of Splices**: 1/200 Lm nominal
- **Roll Widths**: 52” ± 1” (132cm)
- **Master Roll Lengths**: Average 100 Lm / 109 Lyd

**PRODUCT APPLICATION EXAMPLES**

- RF Shelters
- 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
- Medical electrodes
- Finger tips for smart gloves

**Accreditations:**
RoHS: Compliant
Reach: Compliant