



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

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