



## Shieldex® Bremen-IR

- Purpose: IR reflective and IR diffusing conductive woven fabric used in military applications.
- IR reduction: 90-90%
- Description: Silver (Ag) plated Nylon ripstop fabric.
- Raw material: Nylon ripstop fabric
- Surface Resistivity: < 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: 0.003" (0.090mm) ± 12%
- Number of Splices: 1/98 Lm nominal
- Weight: 42 g/m<sup>2</sup> ± 10%
- Roll Widths: 52"± 1.5" (132cm)
- Master Roll Lengths: Average 100 Lm / 109 Lyd



### PRODUCT APPLICATION EXAMPLES

- ⇒ IR signature reducing garments
- ⇒ IR camouflage for large equipment
- ⇒ Thermal reflector
- ⇒ Tents and tarps
- ⇒ Equipment covers



Before IR Garment



After IR Garment

**Accreditations:**  
 RoHS: Compliant  
 Reach: Compliant  
 Acc. ISO 9001:2015

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