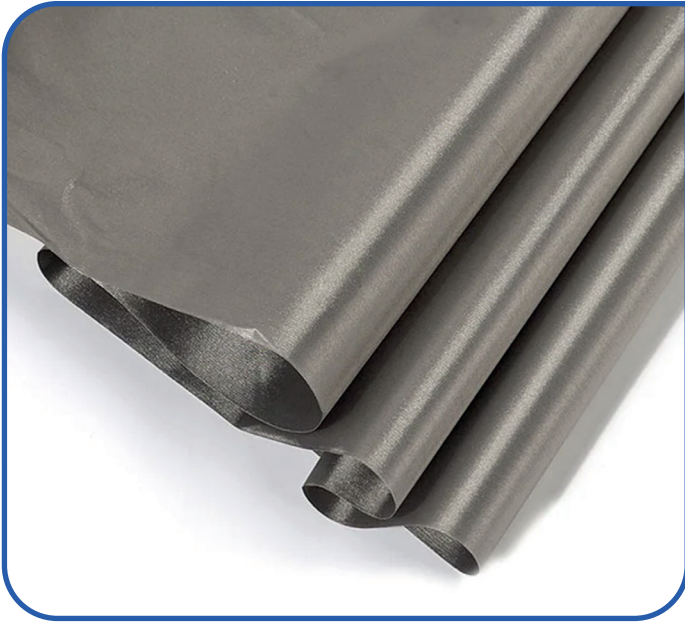


# ISO 770

## OPAQUE RFID SHIELDING FABRIC



### GENERAL DESCRIPTION

ISO 770 is an opaque technical fabric made of conductive mesh, designed to effectively block RFID signals. Although thin and delicate, it provides a versatile solution suitable for various environments.

### CHARACTERISTICS

- High-quality conductive mesh.
- Lightweight, flexible, and easy to apply.
- Compatible with a wide range of electromagnetic environments.

### TYPICAL APPLICATIONS

- Partitioning of open spaces requiring RFID shielding.
- Fitting room curtains in retail environments.
- Removable or temporary shields for sensitive areas.
- Integration into textile-based electromagnetic shielding systems.

### KEY BENEFITS

- Effective and durable protection against RFID signals.
- Versatile use (fixed or removable).
- Easy and quick installation.
- Adaptability to different contexts (retail, industrial, logistics).

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## OPAQUE RFID SHIELDING FABRIC

### DESCRIPTION

ISO 770 is an opaque technical fabric made of conductive mesh, designed to effectively block RFID signals in the 10 MHz – 3 GHz range.

### TECHNICAL SPECIFICATIONS

- Weight:  $80 \pm 10$  g/m<sup>2</sup> (GB/T 4669-1995).
- Thickness:  $0.08 \pm 0.01$  mm (FZ/T01003-1991).
- Width:  $1,300 \pm 5$  mm (GB/T 4667-1995).
- Length: according to specification (GB/T 4666-1995).
- Density:  $260 \pm 10$  T (ASTM D3775).
- Shielding effectiveness:  $\geq 60$  dB (10 MHz – 3 GHz, SJ20524-1995).
- Salt spray resistance (5 % - 48 h - 35 °C):  $< 0.5$   $\Omega$ /sq (ASTM B117-03).
- Surface resistance:  $\leq 0.05$   $\Omega$ /sq (ASTM F390).
- Metal adhesion: grade  $\geq 4$ .

### STORAGE AND TRANSPORT

- Store in a cool, dry place (-20 °C to +40 °C, humidity  $\leq 65$  %).
- Avoid direct sunlight exposure.
- Recommended to use within 2 years after production to ensure optimal performance.
- Protect from humidity and shocks. Do not store under heavy load.

### RECOMMENDATIONS

It is recommended to perform adaptability tests before use, depending on the specific application conditions.

The company accepts no liability for direct, indirect, or accidental damages resulting from improper use.