

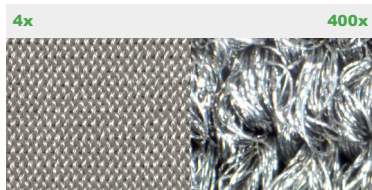
SILVER-ELASTIC | Shielding fabric | Width 160 cm | 1 meter



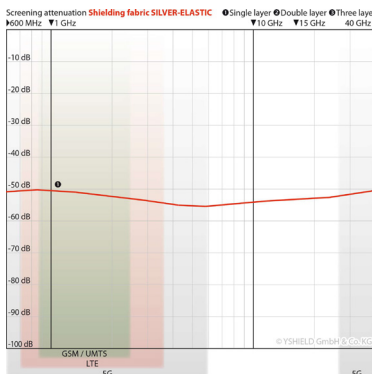
Strechable fully silvered spandex fabric for sewing clothes.
Pleasant feeling to the skin. Silver. 50 dB. Width 160 cm.



1 cm PRONatur24 Silver-Elastic



1x PRONatur24 Silver-Elastic



Properties

SILVER-ELASTIC is a **compact, full silvered spandex fabric** for HF+LF shielding. Typical application to sew **articles of clothing**. **Due to the high elasticity perfect as close-fitting laundry. Actually our best apparel fabric.**

Special feature: This fabric is elastic, to sew articles of clothing, please consider the shrink and extensibility rates at the „Technical data“.

- **High screening attenuation, especially at high frequencies!**
- Contactable (groundable) to shield LF electric fields
- Textile similar characteristics: Washable, easy to process. Exception: Do not iron.
- Quality grade: Very high

Attenuation | Grounding

- This product shields **high frequency electromagnetic fields** (HF). The indicated dB-values apply to 1 GHz, view chart for other frequencies. Expert reports ranging from 40/600 MHz to 40 GHz according to standards ASTM D4935-10 or IEEE Std 299-2006, view report above.
- This product with an electrically conductive surface shields **low-frequency alternating electric fields** (LF). For this purpose a **grounding is necessary**, i.e. an integration into the functional-equipotential bonding (FEB), please find suitable grounding accessories under "Grounding".

Silver products

- Silver products **discolour** with time and often already have discolorations right from the start. If you don't want to accept discolorations, please choose Swiss-Shield® fabrics.
- Silver fabrics have a **limited durability**, depending on the frequency of movement.
- Our silver fabrics do **not contain any nano silver**, but a thick metallic silver coating.

Technical data

- **Width: 160 cm**
- Length: Available by the meter
- **Shrink** after first wash: 0 % width, 0 % length
- **Extensibility**: 50 % width, 80 % length
- **Attenuation: 50 dB**
- Color: Silver
- Raw materials: 80 % spandex, 20 % silver
- Weight: 130 g/m²
- Surface conductivity: 0.5 ohm / inch (2.54 cm)

Care instructions

- **Gentle cycle at 30°C**
- No ironing
- No drying in tumble dryers
- No bleaching
- No chemical dry-cleaning