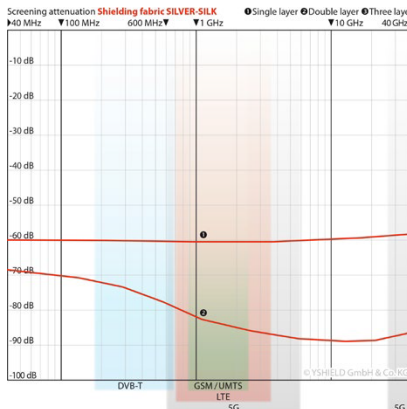
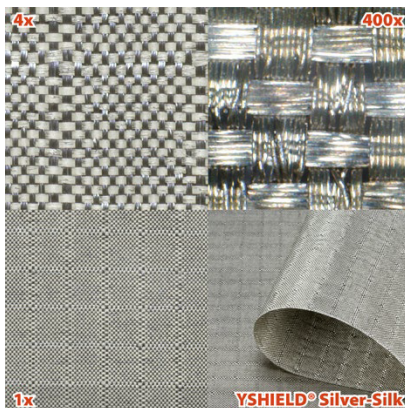


SILVER-SILK - Shielding fabric (HF+LF)



Characteristics

SILVER-SILK is a **fully silvered parachute silk / nylon fabric** for the shielding of high-frequency radiation (HF) and low-frequency electric fields (LF).

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

Application

Preferable in **technical applications** to shield cables, **handy bags, room divider**, etc.. Due to the good washability even sewable in the **inside of articles of clothing**.

Technical data

- **Width: 130 cm, +/- 2 cm**
- **Length: Available by the meter, 100 meter rolls**
- **Attenuation: 60 dB**, two-layer 76 dB
- **Color: Silver**
- **This silver-fabric can discolorate and has a limited durability, more under „Information silver-fabrics“**
- **Raw materials: 80 % nylon, 20 % silver**
- **Weight: 45 g/m²**
- **Surface conductivity: 0.2 ohm (square resistance R_□)**

Grounding

Due to the surface conductivity this fabric **can be grounded** to shield low frequency (LF) electric fields.

Screening attenuation

The screening attenuation is **regularly tested in our own EMC laboratory**. We have measurement setups due to the following standards: **ASTM D4935-10, IEEE Std 299-2006, IEEE Std 1128-1998, ASTM A698/A698M-07**. Please find the test report at our homepage directly on the product page.

Care

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

Cleaning with our special washing detergent **TEXCARE**. No handwashing! For allergy sufferers: Every new fabric smells, wash before its first usage!