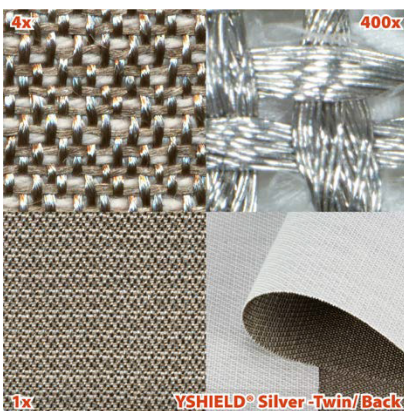
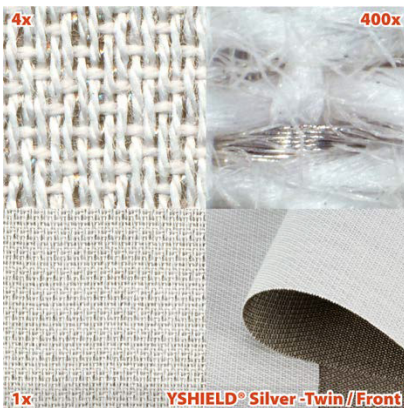


## SILVER-TWIN - Shielding fabric (HF+LF)



### Characteristics

SILVER-TWIN is a **compact, double-ply cotton/silver fabric** for the shielding of high-frequency radiation (HF) and low-frequency electric fields (LF).

The frontside is made of white cotton, while the backside is densely woven with a silver thread. Despite the extremely high attenuation due to the dark silver threads on the backside, this fabric has a light gray front side!

- **Very high attenuation, even at high frequencies!**
- **Excellent cost/performance ratio**
- **Contactable (groundable) to shield LF electric fields**
- **Textile characteristics:** Washable, easy to iron and process
- **Quality grade: High**

### Application

As **curtain**, to sew thicker clothes, handy bags, etc..

### Technical data

- **Width: 150 cm, +/- 2 cm**
- **Length: Available by the meter, 150 meter rolls**
- **Attenuation: 57 dB**
- Color: Frontside light gray, backside silver
- **This silver-fabric can discolorate and has a limited durability, more under „Information silver-fabrics“**
- Raw materials: 50 % cotton, 35 % polyester, 15 % silver
- Weight: 150 g/m<sup>2</sup>
- Surface conductivity: 0.25 ohm (square resistance R<sub>□</sub>)

### 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
	Iron without steam at degree 1
	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!

