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YSHIELD®

SILVER-TULLE - Shielding fabric (HF+LF)

OUR RECOMMENDATION

◄ 1 cm ► YSHIELD® Silver-Tulle

4x 400x
1x YSHIELD® Silver-Tulle
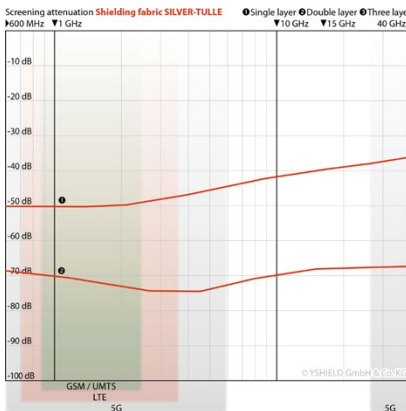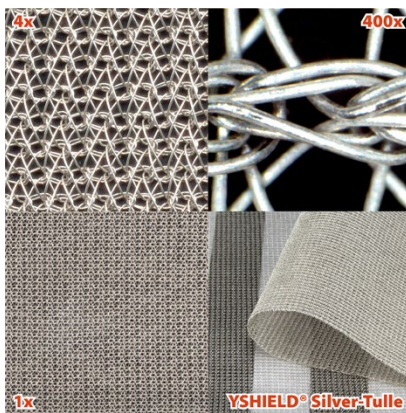
Characteristics

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

By comparison to competitor products, this fabric has a **thicker and better silver plating** and don´t loose its screening attenuation while washing or movement.

This fabric is hard to sew accurately, because it's stretchy and pulls out of place easily when you try to sew on it. Please note that customized curtains are difficult to sew dimensionally stable!

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

Application

As **net curtain**, as room divider in laboratorys, medical practices, etc. and due to the highest washability to sew a **bed canopy**.

Technical data

- **Width: 130-140 cm**, +/- 2 cm
- **Length: Available by the meter**, 100 meter rolls
- **Attenuation: 50 dB**, two-layer 70 dB
- Color: Gray, silver
- **This silver-fabric can discolorate and has a limited durability, more under „Information silver-fabrics"**
- Raw materials: 80 % nylon, 20 % silver
- Weight: 40 g/m²
- Surface conductivity: 0.8 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, IEEEE Std 1128-1998, ASTM A698/A698M-07**. Please find the test report at our homepage directly on the product page.

Care

⊡30	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!