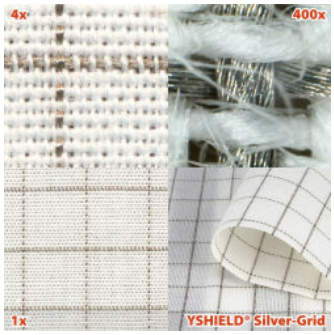
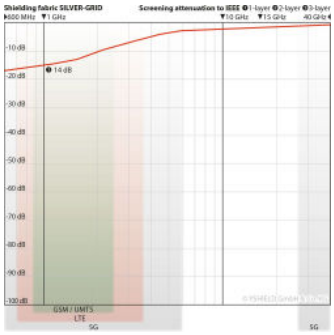
YSHIELD® SILVER-GRID | Shielding fabric | Width 150 cm | 1 meter

Semitransparent cotton fabric with silvergrid for low-frequency shielding, earthing, etc. Good groundable. White/Silver. Width 150 cm.





Properties

SILVER-GRID is a cotton fabric with a silver thread for the shielding of low-frequency electric fields (LF). The perfect fabric for **groundable products, so-called "Earthing"**. For bedding, ticks, sheets, chair or floor underlays, etc.. With just 13 dB HF attenuation only limited suitable for HF shielding. Compared to a competitor product, SILVER-GRID has a tigher silver-mesh with a lower resistance for better grounding.

- Textile characteristics: Washable, easy to iron and process
- Quality grade: Very high

Technical data

- **Width: 150 cm, +/- 2 cm**
- Length: Available by the meter
- **Attenuation LF: 40 dB**
  Attenuation HF: 13 dB
- Color: White
- Raw materials: 95 % cotton, 4 % polyester, 1 % silver
- Weight: 130 g/m²
- Conductivity: 15 ohm / 100 cm

Care instructions

- **Gentle cycle at 30°C**
- **Iron without steam at degree 1**
- No drying in tumble dryers
- No bleaching
- No chemical dry-cleaning
- Wash only with our special washing detergent TEXCARE, without enzymes or bleaching agents

Grounding

This product with an electrically conductive surface **has to be integrated into the functional-equipotential bonding (FEB)**. Please find suitable grounding accessories under "Grounding".

Shielding attenuation HF & LF

This product with an electrically conductive surface **shields low-frequency alternating electric fields (LF)**.

Laboratory & expert report of shielding attenuation up to 40 GHz

We have already invested in our **own professional EMV laboratory** years ago. We not only use it to create our laboratory screening reports but also to check each batch daily. Additionally, we have all our products checked by an **independent, well-respected expert**. Double checked for twice the safety. **Please find the reports above at the downloads**.