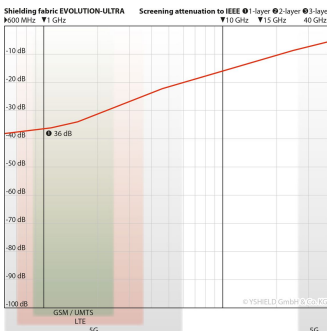
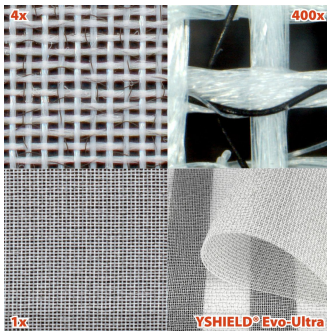
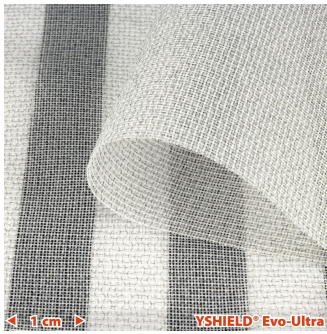


Swiss-Shield® EVOLUTION-ULTRA™ | Shielding fabric | Width 200 cm | 1 meter | SPECIAL ITEM

From Swiss Shield®. Semitransparent polyester fabric as curtain or for canopies. Part of the groundable ULTRA-series. Light grey. 36 dB. Width 200 cm.



YSHIELD GmbH & Co. KG
94099 Ruhstorf, Germany
www.yshield.com
info@yshield.de

Properties

3000 linear meters to a unique crazy price! Can be grounded due to the electrically conductive surface. The carbon threads form visible nodules in some spots. Due to this visible spots we sell the fabric at a reduced price. This is not a defect, as the screening attenuation is not affected.

EVOLUTION-ULTRA™ from Swiss-Shield® is a **semi-transparent polyester fabric** for the shielding of high-frequency electromagnetic fields (HF) and low-frequency electric fields (LF). EVOLUTION-ULTRA™ is the second fabric of a new product series from Swiss Shield®. **In the new ULTRA-series the silver-/copper-filament is coated with carbon, why these fabrics are electrically conductive** to shield low-frequency electric fields (LF).

- Semi-transparent polyester fabric
- Can be grounded due to the conductive surface
- Excellent cost/performance ratio
- Textile characteristics: Washable, easy to iron and process
- Quality grade: Very high

OEKO-TEX® STANDARD 100

If a textile article carries the **OEKO-TEX® STANDARD 100** label, you can **be certain that the article therefore is harmless for human health**. In many cases the limit values for the STANDARD 100 go beyond national and international requirements. The criteria catalog is updated at least once a year and expanded with new scientific knowledge or statutory requirements. **ZHY0070054 OEKO-TEX® Label Check**

Swiss Shield® Shielding fabrics

This fabric is manufactured by Swiss Shield® in Switzerland with a patented, **invisible high-tech yarn**. At YSHIELD we value the constantly high quality of the fabrics - it's not for nothing that we are the world's largest Swiss Shield® distributor.

Technical data

- **Width: 200 cm, +/- 2 cm**
- Length: Available by the meter
- **Attenuation: 36 dB**
- Color: Light grey
- Raw materials: 93 % Polyester, 6 % copper / silver, 1% carbon
- Weight: 115 g/m²
- Dimension stability: +/- 3 %

Care instructions

- **Gentle cycle at 30°C**
- **Iron without steam at degree 1**
- **Drying at low temperature**
- 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 **shields high frequency electromagnetic fields (HF)**. Unless otherwise stated, the indicated dB-values apply to 1 GHz. Measurement from 600 MHz to 40 GHz according to standards ASTM D4935-10 or IEEE Std 299-2006.

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.**