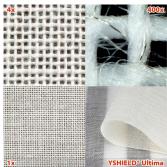
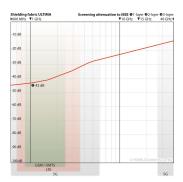
Swiss-Shield® ULTIMA™ | Shielding fabric | Width 250 cm | 1 meter

From Swiss Shield®. Semitransparent cotton fabric as curtain. Similar to NATURELL but tighter with more attenuation. Ecruwhite. 42 dB. Width 250 cm.







Properties

ULTIMA™ from Swiss-Shield® is a **finely woven cotton fabric** for the shielding of high-frequency electromagnetic fields (HF). **Typical application as curtain**. Not electrically conductive.

- Cotton fabric without chemicals
- High screening attenuation for a cotton fabric
- Excellent cost/performance ratio
- Textile characteristics: Washable, easy to iron and process
- Quality grade: Very high

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: 250 cm, +/- 2 cm
Length: Available by the meter

• Attenuation: 42 dB, two-layer 54 dB

• Color: Ecru-White

• Raw materials: 82 % cotton, 17 % copper, 1 % silver

• Weight: 70 g/m²

• Dimension stability: +/- 3 %

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 isolated surface cannot be contacted or grounded.

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 contains electrically conductive parts on the inside which can neither be contacted nor grounded. That's why individual areas **do not shield low frequency electrical fields (LF)**. In case this product is used as a Faraday cage (complete shielding on six sides), there will be no low frequency electrical fields (LF) on the inside, which can be proven with a potential free measurement.

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**.