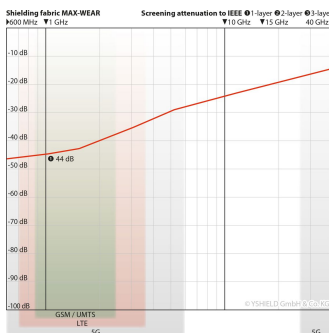


Swiss-Shield® MAX-WEAR™ | Shielding fabric | Width 150 cm | 1 meter

New from Swiss Shield®. Semitransparent cotton fabric for clothes with 3-times more silver threads like WEAR. Ecru-White. 44 dB. Width 150 cm.



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

Properties

MAX-WEAR™ from Swiss-Shield® is a **compact cotton fabric** for the shielding of high-frequency electromagnetic fields (HF). **Compared to its predecessor WEAR with 3-times more silver threads for a maximum of attenuation.** Typical application for sewing all articles of clothing. Not electrically conductive.

- Good haptics and pleasant skin feel
- 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: 150 cm, +/- 2 cm**
- Length: Available by the meter
- **Attenuation: 44 dB**
- Color: Ecru-White
- Raw materials: 70 % cotton, 28.5 % copper, 1.5 % silver
- Weight: 130 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.**