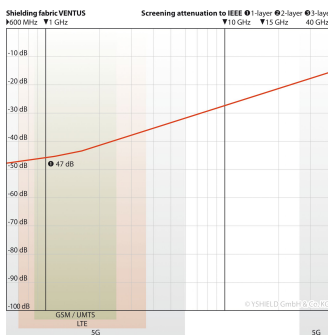
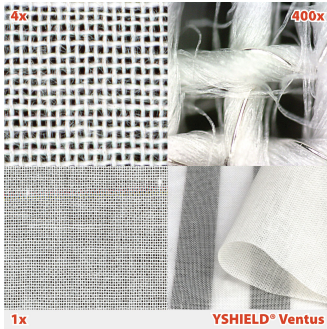


Swiss-Shield® VENTUS™ | Shielding fabric | Width 245 cm | 1 meter

From Swiss Shield®. Highly effective radiation protection without compromising on comfort. Ecru white. 47 dB. Width 245 cm.



YSHIELD GmbH & Co. KG
94099 Ruhstorf, Germany
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Properties

VENTUS from Swiss-Shield® is a **semi-transparent ecological cotton fabric** for the shielding of high-frequency electromagnetic fields (HF). **Typical application as curtain or for canopies.** Not electrically conductive, therefore no grounding necessary.

- After 34 years of experience, **the latest and best shielding fabric from Swiss-Shield®.**
- Highly effective without compromising on living comfort.
- Soft, light, and pleasant to the touch.
- Airy and breathable for luxurious canopies.
- Eco-cotton fabric.
- Textile properties: Washable, ironable, sewable.
- Quality rating: 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.

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: 245 cm, +/- 5 %**
- Length: Available by the meter
- **Attenuation: 47 dB**
- Color: Ecru-White
- Raw materials: 78 % cotton, 22 % copper / silver
- Weight: 79 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

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.**