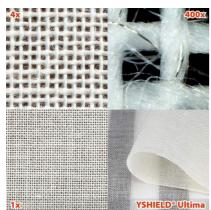
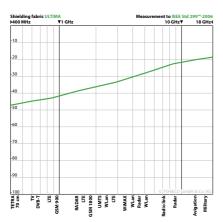


# **ULTIMA - Shielding fabric (HF)**

#### **OUR RECOMMENDATION**







#### **Characteristics**

ULTIMA<sup>™</sup> from Swiss-Shield<sup>®</sup> is a **finely woven cotton fabric** for the shielding of high-frequency electromagnetic fields (HF).

- Cotton fabric without chemicals, certified to Öko-Tex 100 and 1000
- High screening attenuation for a cotton fabric
- Textile characteristics: Washable, easy to iron and process
- Quality grade: Very high

### **Application**

Typical application as **curtain**. Not electrically conductive.

#### **Technical data**

- Width: 250 cm, +/- 2 cm
- Length: Available by the meter, 120 meter rolls
- Attenuation: 41 dB, two-layer 54 dB
- Color: Ecru-White
- Raw materials: 82 % cotton, 17 % copper, 1 % silver
- Weight: 85 g/m<sup>2</sup>
- Certificates: Öko-Tex 100 and 1000

# Grounding

Cannot be grounded. Low-frequency electrical fields (LF) must be reduced by additional procedures. We recommend to shield this fields or to switch it off with a demand switch.

## **Screening attenuation**

The screening attenuation is regularly tested in our own EMC laboratory. We have measurement setups due to the following standards: ASTM D4935-10, IEEE Std 299-2006, IEEEE Std 1128-1998, ASTM A698/A698M-07. Please find the test report at our homepage directly on the product page.

### Care



Cleaning with our special washing detergent **TEXCARE**. No handwashing! For allergy sufferers: Every new fabric smells, wash before its first usage!

### **About Swiss Shield®**

This fabric is manufactured by Swiss Shield® in Switzerland. The secret of its shielding effectiveness is a worldwide unique, patented, ultra-thin high-tech yarn. We at YSHIELD particularly value the high quality of the fabrics (haptics, slip resistance, washing resistance). It is not for nothing that we are the world's largest supplier of Swiss Shield®!