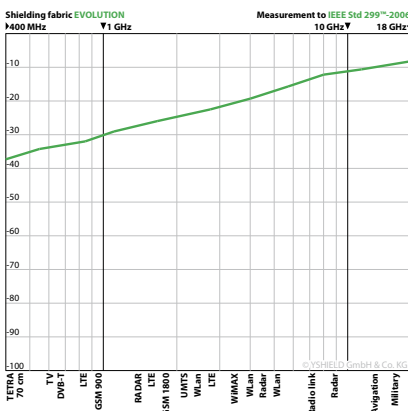
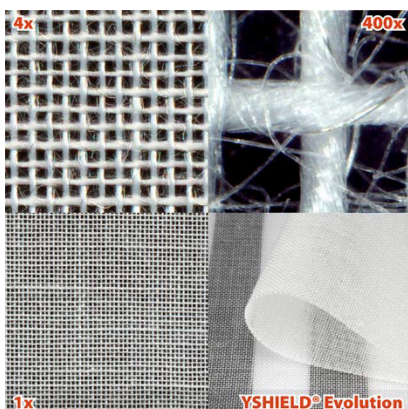


## EVOLUTION - Shielding fabric (HF)



### Characteristics

EVOLUTION™ from Swiss-Shield® is a **semi-transparent Trevira® fabric** for the shielding of high-frequency electromagnetic fields (HF).

- **Crease resistant Trevira®-polyester**
- **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: 30 dB**, two-layer 43 dB
- Color: White
- Raw materials: 91 % polyester (Trevira), 8.5 % copper, 0.5 % silver
- Weight: 80 g/m<sup>2</sup>

### 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, IEEE Std 1128-1998, ASTM A698/A698M-07**. Please find the test report at our homepage directly on the product page.

### Care

- Gentle cycle at 30°C
- Iron without steam at degree 1
- Drying at low temperature
- No bleaching
- No chemical dry-cleaning

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®!**