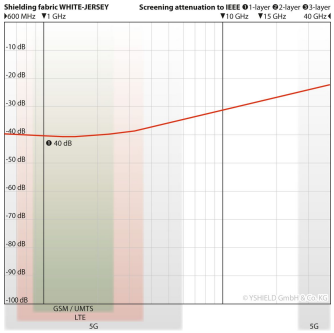
YSHIELD® WHITE-JERSEY | Shielding fabric | Width 145 cm | 1 meter

Strechable cotton jersey for sewing clothes. With 83% cotton content unbelievably soft on the skin. 40 dB. Width 145 cm.



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Properties

WHITE-JERSEY is a **compact cotton fabric with high silver content** for HF+LF shielding. Typical application to sew **articles of clothing**. **Due to the jersey-typical elasticity perfect for close-fitting laundry. Actually our best and most stable apparel fabric.**

- **Very high screening attenuation for a fabric with such a high cotton content.**
- Textile characteristics: Easy to sew, wash and iron.
- Quality grade: Very high

Silver products

- Silver fabrics have a **limited durability**, depending on the frequency of movement.
- Our silver fabrics do **not contain any nano silver**, but a thick metallic silver coating.

Technical data

- **Width: 145 cm +/- 5 %**
- Length: Available by the meter
- **Extensibility**: 40 % width, 15 % length
- **Attenuation: 40 dB**
- Color: WHITE with a metallic shimmer
- Raw materials: 83 % cotton, 17 % silver thread
- Weight: 165 g/m²
- Surface conductivity: 3 ohm / inch (2.54 cm)

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

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.

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**.