

YSHIELD® TEU | Shielding underpants

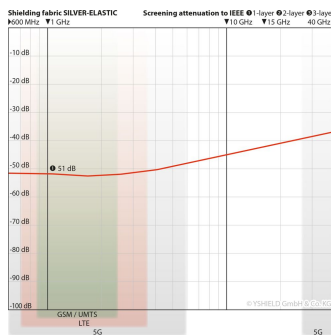
Shielding long underpants available in 5 sizes. Made of Silver-Elastic with 51 dB attenuation.



YSHIELD® TEU



YSHIELD® TEO+TEU



Properties

HF and LF shielding **long underpants** made of **Silver-Elastic**. To wear as **thin underpants** under one's other clothing, or as **pyjama top** together with our hoodie TEO. Top-quality individual pieces produced by us, no mass production! **Perfect at home, on holiday or business trips!**

Please be aware that hygiene products like shielding clothes, blankets, bedding or sleeping bags cannot be returned or exchanged in size when used. Those products do show traces of usage fairly soon, sometimes even when just tried on. If you have any questions concerning sizes / dimensions, do not hesitate to contact us. **If required, we will be happy to send you a fabric sample in advance.**

- **Silver-Elastic is a very elastic fabric which fits each body shape easily. Therefore it is not visible through outer clothing.**
- Silver-Elastic has a **very high washability without attenuation loss**, see our „washing test“ on the fabric pages.
- Despite the metal surface, Silver-Elastic is **soft and comfortable against the skin**.
- Silver-Elastic is electrically conductive on both sides which is why low-frequency fields will connect less and can be conducted away more easily. Many electrosensitive people give priority to fabrics that are groundable!

Silver products

- Silver products **discolour** with time and often already have discolorations right from the start. If you don't want to accept staining or discolorations, please choose Swiss-Shield® fabrics.
- 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

- **European sizes: S, M, L, XL, XXL**
- **Attenuation: 51 dB**
- Color: Silver
- Raw materials: 80 % spandex, 20 % silver
- Weight: 130 g/m²
- Surface conductivity: 0.5 ohm / inch (square resistance)

Care instructions

- **Gentle cycle at 30°C**
- No ironing
- 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.

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.**

Ready for 5G

Some companies offer "special" 5G-products. **This products shields all 5G-frequencies, even without advertising this!** Find two gray bars in all shielding diagrams with the 5G frequency spectrums FR1 (600 MHz - 6GHz) and FR2 (24 GHz - 40 GHz).