

# YSHIELD® TEU | Shielding underpants | Silver-Elastic

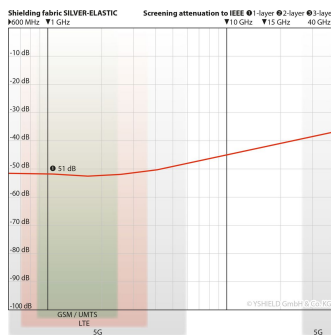
Shielding long underpants available in 5 sizes. Made of Silver-Elastic with 51 dB attenuation.



YSHIELD® TEU



YSHIELD® TEO+TEU



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## 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/m<sup>2</sup>
- 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 product 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).