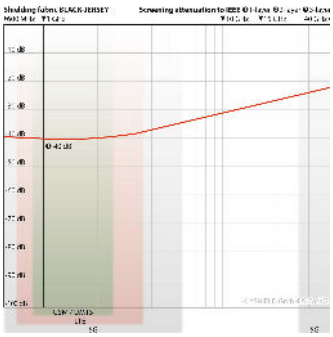
YSHIELD® TBT | Shielding T-shirt | Black-Jersey

T-shirt, available in five sizes. Made of Black-Jersey with 40 dB shielding attenuation.



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Properties

T-Shirt, made of Black-Jersey. Elegant basic protection for at home and on the go. As always, black jersey is incredibly soft and cosy on the skin. Ideal in combination with our TBH shorts. High-qualitiy individual pieces from our own sewing room, no mass-production!

Black-Jersey is a **dense cotton fabric with high silver content**. **Currently our best and most durable fabric for shielding clothing**. The fabric is from Germany and has an unusually high shielding attenuation for such a high cotton content.

Our textile products are hygienic products, that can't be returned after being used. You can try clothing on to see if it fits, but not wear it for a longer period of time - this will be visible on the fabric immediately. If the product shows traces of wear or traces caused from trying them on, we will not accept the return. If you are unsure concerning the different sizes, please contact us. **We'll be happy to send you a fabric sample in advance, if needed**.

Technical data

- **European sizes: S, M, L, XL, XXL**
- **Attenuation: 40 dB**
- Color: Black with a metallic shimmer on one side
- Raw materials: 83 % cotton, 17 % silver thread
- Surface conductivity: 3 ohm (square resistance)

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**.

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).