

YSHIELD® TBM | Shielding cap | Black-Jersey

Soft cap with 40 dB attenuation from Black-Jersey.



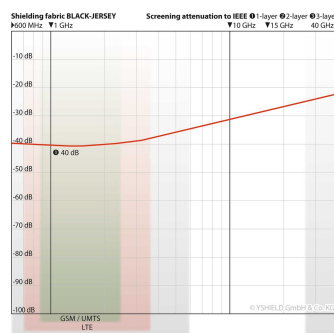
YSHIELD® TBM



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Properties

Comfortable thin cap with 40 dB attenuation made from Black-Jersey. BLACK-JERSEY is a compact cotton fabric with high silver content. Actually our best and most stable apparel fabric. This fabric comes from Germany, it has an unusual high screening attenuation for a fabric with such a high cotton content.

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. We indicate the dimensions for the individual sizes on our homepage. You can orientate yourself on such for your order. **If required, we will be happy to send you a fabric sample in advance.**

Technical data

- **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).