

# YSHIELD® TKE | Shielding headgear | Silver-Elastic

The modern alternative to a headscarf, 51 dB attenuation. Elastic fabric sleeve from Silver-Elastic.



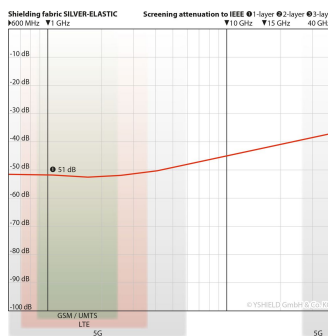
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## Properties

**The modern alternative to a headscarf!** This headgear (a fabric sleeve) can be worn in several ways: as a cap or as protection of nose, mouth and neck or for a complete protection of the head by using 2 pieces. Silver-Elastic is very **flexible** and perfectly adapting to the shape of the head. Due to the **high content of silver**, Silver-Elastic is **very durable** and has an excellent attenuation of 50 dB.

Because of the electrically conductive surface on both sides, low-frequency fields will connect less and can be conducted away more easily. Many electrosensitive people give priority to fabrics that are groundable!

**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.**

## How to put on the headgear

A headgear is usually worn as „pirate bandana“: 1) Turn the inside out so that the seam is visible. 2) Put the headgear on your head (middle image). 3) Hold the underside of the headgear. Now take the upper side and pull it back over your head with your other hand. Finally, cover your head.



## 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

- **Diameter 24 cm, length 40 cm**
- **Attenuation: 51 dB**
- Color: Silver
- Raw materials: 80 % spandex, 20 % silver
- Surface conductivity: 0.5 ohm (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).