

TKE - Headgear (HF)

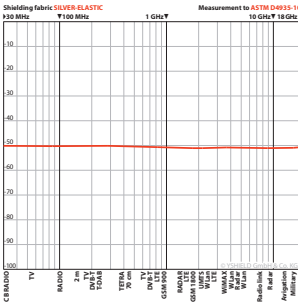
OUR RECOMMENDATION



YSHIELD® TKE



YSHIELD® TKE



Characteristics

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.

Technical data

- Diameter 24 cm, length 40 cm
- Attenuation: 50 dB
- Color: Silver
- This silver-fabric can discolorate and has a limited durability, more under „Information silver-fabrics“
- Raw materials: 80 % spandex, 20 % silver
- Surface conductivity: 0.5 ohm (square resistance R□)

Screening attenuation

The screening attenuation is **regularly tested in our own EMC laboratory**. We have measurement setups due to the following standards: **ASTM D4935-10, IEEE Std 299-2006, IEEEE Std 1128-1998, ASTM A698/A698M-07**. Please find the test report at our homepage directly on the product page.

Care

- Gentle cycle at 30°C
- No ironing
- No drying in tumble dryers
- No bleaching
- No chemical dry-cleaning

Cleaning with our special washing detergent **TEXCARE**. No handwashing! For allergy sufferers: Every new fabric smells, wash before its first usage!

How to put on the headgear

- A headgear is usually worn as „pirate bandana“.
- Turn the inside out so that the seam is visible.
- Put the headgear on your head (middle image).
- 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.



TKG, TKW - Headscarfs (HF)

Paints

Sheet products

Fabrics

Textile products

Canopies

Grounding

Measurement

Electro

Prices

49



YSHIELD® TKG



YSHIELD® TKW

Shielding headscarfs from **2 fabrics in 2 shapes**. First-class workmanship and quality. **Three-cornered as typical headscarf (picture above), quadratic as Bandana (picture below).**

Characteristics Steel-Gray

Stable and long-lasting! Steel-Gray is **not so soft on the skin**. The stainless steel threads feels like a little scratchy woolen sweater, but as headscarf over the hairs this doesn't bother. Because of the electrically conductive surface on both sides, low-frequency fields will connect less and can be conducted away more easily. Many electro-sensitive people give priority to fabrics that are groundable!

Characteristics Wear

Wear is the classical fabric of Swiss-Shield. **Very soft and comfortable against the skin.** Electrically non-conductive.

Technical data

- **Size three-cornered:** 120 x 85 x 85 cm
- **Size quadratic:** 70 x 70 cm

Steel-Gray:

- **Attenuation: 35 dB**
- **Raw materials:** 40 % cotton, 30 % polyester, 30 % stainless steel
- **Color:** Gray

Wear:

- **Wear attenuation: 30 dB**
- **Wear raw materials:** 90 % cotton, 9.5 % copper, 0.5 % silver
- **Color:** White

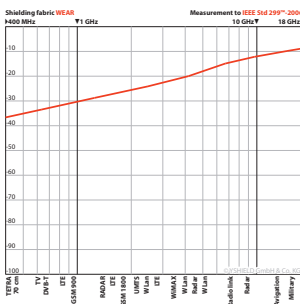
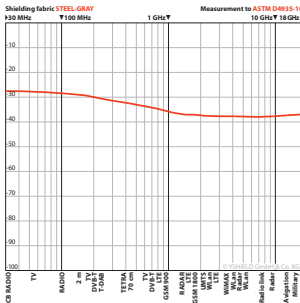
Screening attenuation

The screening attenuation is **regularly tested in our own EMC laboratory**. We have measurement setups due to the following standards: **ASTM D4935-10, IEEE Std 299-2006, IEEE Std 1128-1998, ASTM A698/A698M-07**. Please find the test report at our homepage directly on the product page.

Care

- Gentle cycle at 30°C
- Iron without steam at degree 1
- No drying in tumble dryers
- No bleaching
- No chemical dry-cleaning

Cleaning with our special washing detergent **TEXCARE**. No handwashing! For allergy sufferers: Every new fabric smells, wash before its first usage!



TDG - Blanket (HF)

Paints

Sheet products

Fabrics

Textile products

Canopies

Grounding

Measurement

Electro

Prices



YSHIELD® TDG



YSHIELD® TDG



YSHIELD® TDG

Characteristics

Shielding thin **blanket made from Steel-Gray** for the shielding of high-frequency radiation (HF) and low-frequency electric fields (LF).

Steel-Gray is a compact woven **cotton/polyester/stainless-steel fabric**. Steel-Gray contains very fine stainless steel threads, that feels on the skin like a little scratchy woolen sweater. But on the couch with clothing or in the bed with a pyjama nothing scratches.

Nevertheless we use this fabric, because its very wash-resistant and much more durable than all other fabrics!

Application

This blanket was created to protect yourself, easy and fast, on the **couch**, in the **bed**, on **holiday**, on **business trips** or while **playing console** games.

Technical data

- Size: 200 cm x 140 cm
- Attenuation: 35 dB
- Raw materials: 40 % cotton, 30 % polyester, 30 % stainless steel
- Color: Gray

Screening attenuation

The screening attenuation is **regularly tested in our own EMC laboratory**. We have measurement setups due to the following standards: **ASTM D4935-10, IEEE Std 299-2006, IEEE Std 1128-1998, ASTM A698/A698M-07**. Please find the test report at our homepage directly on the product page.

Care



Gentle cycle at 30°C



Iron without steam at degree 1



No drying in tumble dryers

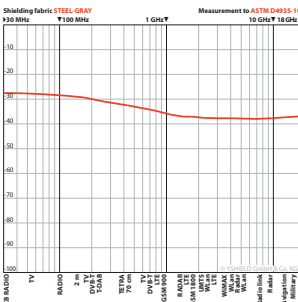


No bleaching



No chemical dry-cleaning

Cleaning with our special washing detergent **TEXCARE**. No handwashing! For allergy sufferers: Every new fabric smells, wash before its first usage!



TSB - Sleeping bag (HF)

OUR RECOMMENDATION



Characteristics

Shielding **sleeping bag made from Steel-Gray** for the shielding of high-frequency radiation (HF).

The **sleeping bag is sewn from Steel-Gray**. The zipper is collateral fitted at mid length and is silvered to provide an integrated shielding. The **inner cover, made of cotton fabric**, is removable and fixed with a hook and loop fastener. The inner cover will ensure your scratch free sleep, even without pajamas. If required the head area can be tightened with an elastic cord, so that only the face is uncovered. In comparison to common sleeping bags this shielding sleeping bag is designed with generous measurements for a comfortable, permanent use.

The fabric **Steel-Gray** was chosen as it is, due to its stainless steel threads, **considerably durable and more stable** even with strong movement, than fabrics with silver threads would be. On the skin Steel-Gray feels a bit like a scratchy woolen sweater. Without inner cover or pajama on, this could bother you.

Application

This sleeping bag is a competitive alternative to canopies and perfect to be used for travelling.

Technical data

- **Size: Width 90 cm, length 220 cm**
- **Attenuation: 35 dB**
- Raw materials: 40 % cotton, 30 % polyester, 30 % stainless steel
- Color: Gray, white

Grounding

To shield low frequency electrical fields this sleeping bag could be grounded. You need: 1 x GS, 1 x GP, 1 x GC500.

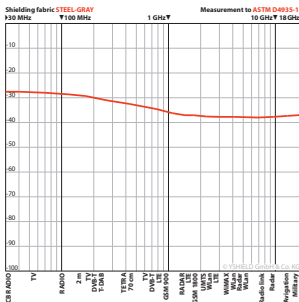
Screening attenuation

The screening attenuation is **regularly tested in our own EMC laboratory**. We have measurement setups due to the following standards: **ASTM D4935-10, IEEE Std 299-2006, IEEE Std 1128-1998, ASTM A698/A698M-07**. Please find the test report at our homepage directly on the product page.

Care

- Gentle cycle at 30°C
- Iron without steam at degree 1
- No drying in tumble dryers
- No bleaching
- No chemical dry-cleaning

Cleaning with our special washing detergent **TEXCARE**. No handwashing! For allergy sufferers: Every new fabric smells, wash before its first usage!



Paints

Sheet products

Fabrics

Textile products

Canopies

Grounding

Measurement

Electro

Prices

TEO - Hoodie from Silver-Elastic (HF)

OUR RECOMMENDATION



YSHIELD® TEO



YSHIELD® TEO+TEU

HF and LF shielding **hooded long sleeve shirt**. To wear as **thin sweater**, on top", or directly on the skin as **pyjama top** together with our long underpants TEU (bottom picture). Top-quality individual pieces produced by us, no mass production!

Application

Perfect at home, on holiday or business trips!

Characteristics Silver-Elastic

- 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**.
- Unlike common fabrics whose main focus is to „look good“, our hoodies contain a high content of an expensive silver thread. This thread gets discolored in the course of time, stripes or spots are no quality defect!
- 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!

Technical data

- **European sizes: S, M, L, XL, XXL**
- **Shielding attenuation: 50 dB**
- **Color: Silver**
- **Raw materials: 80 % spandex, 20 % silver**
- **Weight: 130 g/m²**
- **Surface conductivity: 0.5 ohm (square resistance R□)**

Screening attenuation

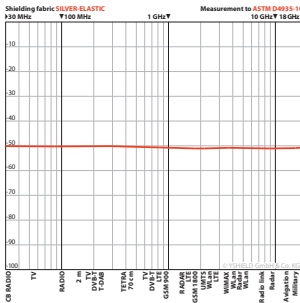
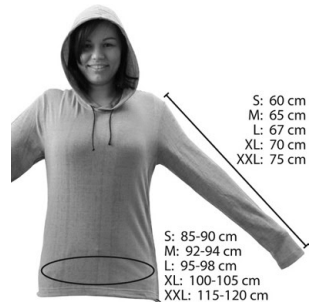
The screening attenuation is **regularly tested in our own EMC laboratory**. We have measurement setups due to the following standards: **ASTM D4935-10, IEEE Std 299-2006, IEEE Std 1128-1998, ASTM A698/A698M-07**. Please find the test report at our homepage directly on the product page

Care

	Gentle cycle at 30°C
	No ironing
	No drying in tumble dryers
	No bleaching
	No chemical dry-cleaning

Cleaning with our special washing detergent **TEXCARE**. No handwashing! For allergy sufferers: Every new fabric smells, wash before its first usage!

Sizes



TEU - Underpants from Silver-Elastic (HF)

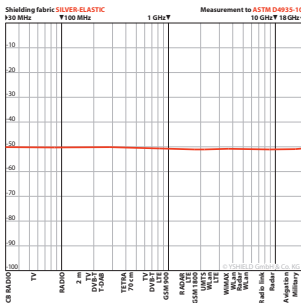
OUR RECOMMENDATION



YSHIELD® TEU



YSHIELD® TEU+TEU



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

Application

Perfect at home, on holiday or business trips!

Characteristics Silver-Elastic

- 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**.
- Unlike common fabrics whose main focus is to „look good“, our hoodies contain a high content of an expensive silver thread. This thread gets discolored in the course of time, stripes or spots are no quality defect!
- 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!

Technical data

- **European sizes: S, M, L, XL, XXL**
- **Shielding attenuation: 50 dB**
- Color: Silver
- Raw materials: 80 % spandex, 20 % silver
- Weight: 130 g/m²
- Surface conductivity: 0.5 ohm (square resistance R□)

Screening attenuation

The screening attenuation is **regularly tested in our own EMC laboratory**. We have measurement setups due to the following standards: **ASTM D4935-10, IEEE Std 299-2006, IEEE Std 1128-1998, ASTM A698/A698M-07**. Please find the test report at our homepage directly on the product page

Care

	Gentle cycle at 30°C
	No ironing
	No drying in tumble dryers
	No bleaching
	No chemical dry-cleaning

Cleaning with our special washing detergent **TEXCARE**. No handwashing! For allergy sufferers: Every new fabric smells, wash before its first usage!

Sizes

- S: 52-70 cm
- M: 55-83 cm
- L: 63-84 cm
- XL: 70-94 cm
- XXL: 77-109 cm



- S: 95 cm
- M: 97 cm
- L: 101 cm
- XL: 107 cm
- XXL: 111 cm