

TKE - Headgear (HF)

OUR RECOMMENDATION

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.

Care

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

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□)

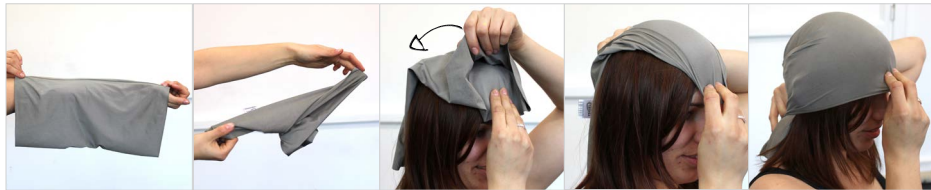
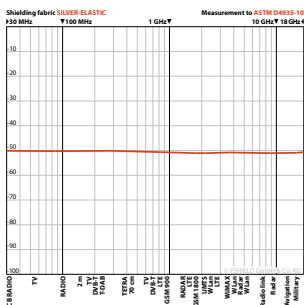
Cleaning with our special washing detergent **TEXCARE**. No handwashing! For allergy sufferers: Every new fabric smells, wash before its first usage!

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.

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.



TKG, TKW - Headscarfs (HF)

Paints

Sheet products

Fabrics

Textile products

Canopies

Grounding

Measurement

Electro

Prices

57



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 grounding!

Characteristics Wear

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

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

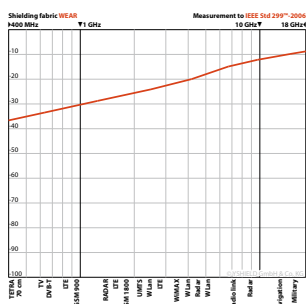
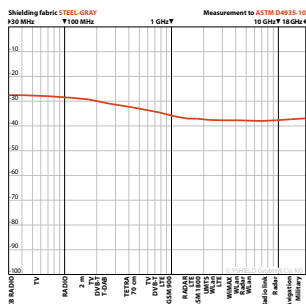


No bleaching



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!



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

TDG - Blanket (HF)

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!



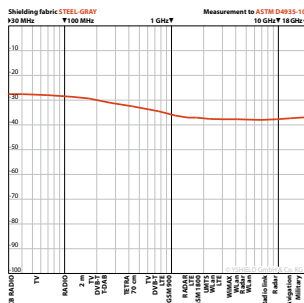
YSHIELD® TDG



YSHIELD® TDG



YSHIELD® TDG



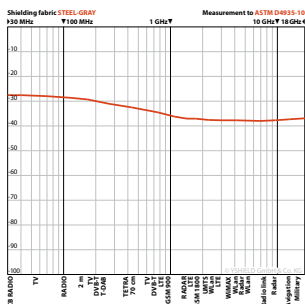
TBL - Bedding (HF)



YSHIELD® TBL



YSHIELD® TBL



Characteristics

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

The bedding set includes a sheet and a duvet cover. The sheet is made of Steel-Gray and can be covered with a common sheet if required. The duvet cover is sewed two-sided: With the Steel-Gray side (gray fabric) used downwards for a better shielding, as the shielding fabrics will lay on top of each other. With the cotton fabric side (white fabric) used downwards with a decreased shielding but less scratchy. The set is not including a pillow case, this is not necessary anyway because of the included sheet.

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

Application

This bedding is a **cheap alternative to canopies**.

Technical data

- **Size sheet:**
240 cm x 140 cm
- **Size duvet cover:**
200 cm x 135 cm
- **Attenuation: 35 dB**
- Raw materials: 40 % cotton, 30 % polyester, 30 % stainless steel
- Color: Gray, white

Grounding

To shield low frequency electrical fields this bedding could be grounded. You need: 2 x GS, 1 x GP, 1 x GC100, 1x GC500. Because of the cables in your bed a grounding is not advised.

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

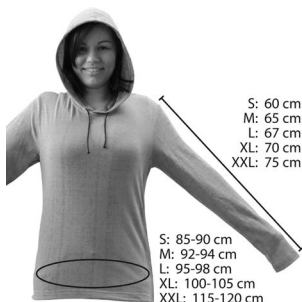


Textile products

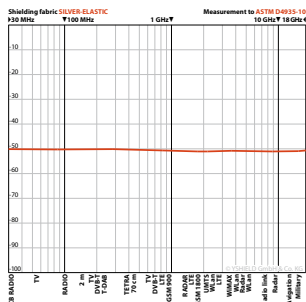
- # Gro

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

61



- Color: Silver
- Raw materials: 80 % spandex, 20 % silver
- Weight: 130 g/m²
- Surface conductivity: 0.5 ohm (square resistance R_□)



TEU - Underpants from Silver-Elastic (HF)

OUR RECOMMENDATION



YSHIELD® TEU



YSHIELD® TEO+TEU

HF and LF shielding **long underpants**. To wear as **thin underpants** under one's other clothing, or as **pyjama** together with our hoodie TEO (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

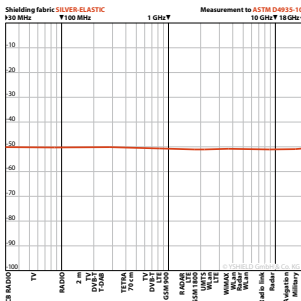
Cleaning with our special washing detergent **TEXCARE**. No handwashing! For allergy sufferers: Every new fabric smells, wash before its first usage!

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



Earthing - Overview

Background

The latest US trend is the conjunction of the body with the earth, so called Earthing. We are a technical company and do not comment on health aspects, we suggest specialist literature by Clinton Ober, Stephen Sinatra or Martin Zucker, for information.

Fabric Silver-Grid

We use our fabric Silver-Grid. In comparison to competitive products this fabric provides a tighter silvernet with a lower resistance, which leads to a better earthing. Silver-Grid consists of **95 % unbleached cotton** and **5 % silver-thread**.

Correct grounding

- **You will achieve the best and "most natural contact to earth" by inserting the grounding rod GR-40 into the ground, in front of your house.** Alternatively use a

grounding plug GX for socket outlets.

- Rod or plug are connected with grounding cables GC. Most suitable for grounding plug GX are short cables e.g. GC-200 or GC-500. For exterior use with grounding rod GR-40 you will have to use 1–2 longer cables GC-1000 plus cable distributor GC-E.
- **Silvered hoop and loop fasteners are sewed onto all Earthing products.** For connecting cables GC with the hook and loop fastener, you will need the Velcro plate GV.
- Important: Under bad conditions electrical fields (bedside lamp, clock radio, etc.) will couple on and will worsen the situation. **We recommend a measurement analysis with a LF-meter** (e.g. ME3030B).

Technical data

- **Color:** White with a silvery checked pattern

- **Raw materials:** 95 % cotton, 4 % polyester, 1 % silver
- **Weight:** 130 g/m²
- **Conductivity:** 15 Ohm / 100 cm

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!

Earthing - Products

ES2 - Sheet single bed



YSHIELD® ES2

Sheet for single beds. The sheet is layed on the mattress, you sleep directly on it. **Size: 140 x 240 cm (55.1 x 94.5 inches).**

ES3 - Sheet double bed



YSHIELD® ES3

Sheet for double beds. The sheet is layed on the mattress, you sleep directly on it. Because of the 150 cm width fabric, there is a seam exactly in the middle. **Size: 240 x 240 cm (94.5 x 94.5 inches).**

ED1 - Duvet cover



YSHIELD® ED1

Duvet cover for normal size blankets. A zip fastener is sewed in at the bottom. **Size: 135 x 200 cm (53.1 x 78.7 inches).**

EP1 - Pillow cover normal



YSHIELD® EP1

Pillow cover for normal size pillows. A zip fastener is sewed in at the bottom. **Size: 80 x 80 cm (31.5 x 31.5 inches).**

EP2 - Pillow cover small



YSHIELD® EP2

Pillow cover for half size pillows. A zip fastener is sewed in at the bottom. **Size: 80 x 40 cm (31.5 x 15.7 inches).**

ESC - Sleeping cover



YSHIELD® ESC

Sleeping cover. Single layer sleeping bag with zip fastener, Sewed very generous. **Size: 90 x 200-240 cm (35.4 x 78.7-94.5 inches).**

ESB - Blanket



YSHIELD® ESB

Blanket. On the couch, in the bed, on holiday or on business trips. **Size: 140 x 200 cm (55.1 x 78.7 inches).**

EU1 - Sofa cushion big



YSHIELD® EU1

Sofa cushion big. With a Oeko-Tex® filling cushion made from 100 % cotton (cover) and dug/goose feathers (filling). **Size: 60 x 40 cm (23.6 x 15.7 inches).**

EU2 - Sofa cushion small



YSHIELD® EU2

Sofa cushion small. With a Oeko-Tex® filling cushion made from 100 % cotton (cover) and dug/goose feathers (filling). **Size: 40 x 40 cm (15.7 x 15.7 inches).**

EU3 - Seat cushion



YSHIELD® EU3

Seat cushion for chairs or couches. Filled with a 3 cm thick foam material. **Size: 45 x 45 cm (17.7 x 17.7 inches).**