

# YSHIELD® TDG | Shielding blanket

Blanket made from Steel-Gray with 42 dB. Groundable. Size: 200 cm x 140 cm.



YSHIELD® TDG



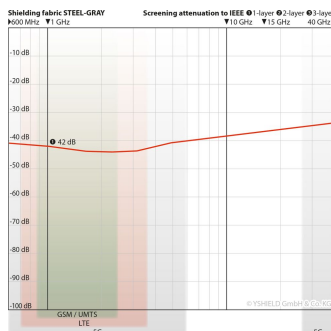
YSHIELD® TDG



YSHIELD® TDG



YSHIELD® GV



## Properties

Shielding thin **blanket made from Steel-Gray** for HF+LF shielding. Easy and quick protection on the **couch**, in the **bed**, on **holiday**, on **business trips** or while **playing console** games.

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! Please be aware that hygiene products like shielding clothes, blankets, bedding or sleeping bags cannot be returned or exchanged in size when used.**

## Technical data

- **Size: 200 cm x 140 cm**
- **Attenuation: 42 dB**
- Colors: Gray
- Raw materials: 40 % cotton, 30 % polyester, 30 % stainless steel
- Surface conductivity: 100-800 ohm (square resistance)

## Care instructions

- **Washing up to 60°C**
- **Iron without steam at degree 1**
- **Drying at low temperature**
- 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).