


**Canopies - Overview**

**General properties**

**Shielding canopies provide a simple and low-cost method for a complete shielding of beds.** We sew different models out of different fabrics. On the following pages you can find an overview. For shielding of below, we recommend our floor mats.

**Floor mats**

**We also recommend shielding the canopies from below, to achieve a complete faraday cage.** Our floor mats are layed under the bed, or better under a carpet. With the sewn in ground connection sockets, compatible to our grounding system, low-frequency electric fields (LF) can be shielded easily (e.g. from the ceiling lightning from below).

|                       | <b>Box shape double bed</b>   | <b>Box shape single bed</b>   | <b>Pyramidal single bed</b>   |
|-----------------------|---|---|---|
| <b>Voile</b>          |    |    |    |
| <b>Naturell Ultra</b> |    |    |    |
| <b>Silver-Tulle</b>   |   |   |   |
| <b>Silver-Tricot</b>  |  |  |  |
| <b>Naturell</b>       |  |  |  |
| <b>New-Daylite</b>    |  |  |  |

Paints

Sheet products

Fabrics

Textile products

Canopies

Grounding

Measurement

Electro

Prices

## Canopies - Fabrics

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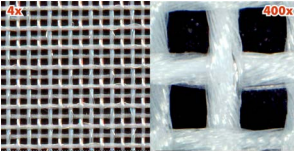
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### Voile

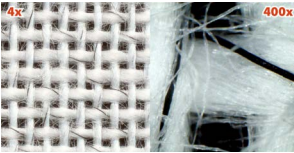
#### EX STOCK



**Our favourite fabric from Swiss Shield® with good allround features**, if you need a high attenuation! Good light- and air permeability, good look through, mechanically stable and crease resistant. Disadvantage: Anyway none! Attenuation **36 dB** at 1 GHz. Not groundable.

### Naturell Ultra

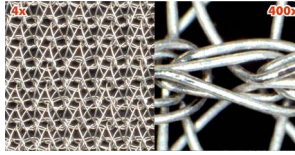
#### EX STOCK



**The new groundable fabric from Swiss Shield®** made from cotton. The only groundable fabric that does not change its color. Disadvantages: Limited air permeability, the high price. Attenuation **40 dB** at 1 GHz. **Groundable** with our grounding plate Velcro GV.

### Silver-Tulle

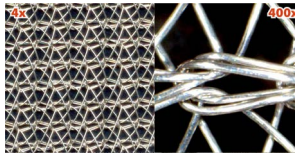
#### EX STOCK



**Full silvered high-end fabric with a maximum high attenuation!** Reasonable light- and air permeability, mechanically stable, crease resistant. Very high washing resistance. Disadvantage: Due to the 20 % silver content only the price. Attenuation **50 dB** at 1 GHz. **Groundable** with our grounding plate Velcro GV.

### Silver-Tricot

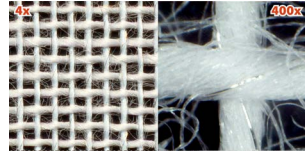
#### EX STOCK



**Full silvered high-end fabric with a high attenuation! Certified to OEKO-TEX 100, class 1.** Reasonable light- and air permeability, crease resistant. Very high washing resistance. Disadvantage: With only 30 g/m<sup>2</sup> more sensitive than Silver-Tulle. Attenuation **50 dB** at 1 GHz. **Groundable** with our grounding plate Velcro GV.

### Naturell

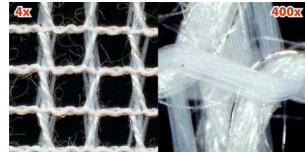
#### UPON REQUEST



**Our classic fabric from Swiss Shield® made from ecological cotton** with high attenuation. Acceptable light- and air permeability. Disadvantage: Like other cotton fabrics not crease resistant after washing. Attenuation **38 dB** at 1 GHz. Not groundable.

### New-Daylite

#### UPON REQUEST



**Our classic fabric from Swiss Shield® with good allround features!** High light- and air permeability, mechanically stable, crease resistant. Disadvantage: Due to the mesh width only limited attenuation at high frequencies. Attenuation **25 dB** at 1 GHz. Not groundable.

## Canopies - Models

### Box shape - double bed



This box shaped canopy offers a **spacious ambience**. For double beds up to 220 cm width. Bed-making is easily possible without lifting the canopy away.

- **Width: 220 cm, depth: 220 cm, height: 220 cm** (All sizes depending on the fabric with +/- 10 % tolerance)
- **Entries:** Two overlapping openings
- **Mounting:** By four points on the ceiling. Any kinds of bars (not included in delivery) can be inserted into the sewed fabric tunnel to stabilize the canopy installation.
- **Scope of supply:** Canopy, mounting accessories

### Box shape - single bed



This box shaped canopy offers a **spacious ambience**. For single beds up to 120 cm width. Bed-making is easily possible without lifting the canopy away.

- **Width: 120 cm, depth: 220 cm, height: 220 cm** (All sizes depending on the fabric with +/- 10 % tolerance)
- **Entry:** One overlapping opening
- **Mounting:** By four points on the ceiling. Any kinds of bars (not included in delivery) can be inserted into the sewed fabric tunnel to stabilize the canopy installation.
- **Scope of supply:** Canopy, mounting accessories

### Pyramidal shape - single bed



This paramidal shape canopy is desirable, if you need **fast mounting** or if you have a **roof pitch**. Only suitable for single beds up to 100 cm width, since otherwise the slope gets too big. Disadvantage: Offers only limited free space and you have to lift the canopy away for bed-making.

- **Bottom circumference: 1150 cm, height: 240 cm** (All sizes depending on the fabric with +/- 10 % tolerance)
- **Entry:** Through the overlapping opening
- **Mounting:** By one point on the ceiling
- **Scope of supply:** Canopy, mounting accessories, 100 cm ring

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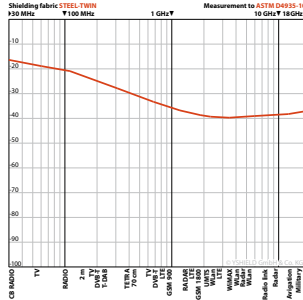
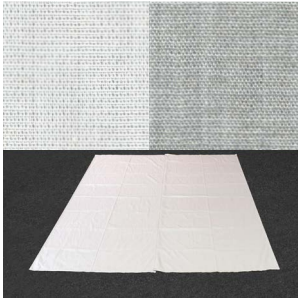
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## U1S/U2S - Floor mats



With **35 dB attenuation** optimal for all canopies made from NEW-DAYLITE, EVO-ULTRA, VOILE, NATURELL.

**Made from our shielding fabric STEEL-TWIN.** The stainless-steel-side should face towards the floor, the white cotton-side upwards.

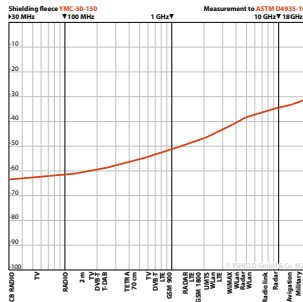
Directly layed under the canopy, the sewed edges would be too thick under a carpet.

### Technical data

- **Attenuation: 35 dB**
- **Size single bed (U1S):** Width 140 cm, length: 250 cm
- **Size double bed (U2S):** Width 270 cm, length: 250 cm
- **Scope of supply single bed (U1S): 1 sheet Steel-Twin.** Grounding: 1 plate GV, 1 cable GC500, 1 plug GD have to be ordered seperately.
- **Scope of supply double bed (U2S): 2 sheets Steel-Twin.** The two sheets are layed 10 cm overlapping. Grounding: 2 plates GV, 2 cables GC20/GC500, 1 plug GD have to be ordered seperately.
- With sewed on Velcro-areas for our grounding plate GV.

## U1M/U2M - Floor mats

### OUR RECOMMENDATION



With **50 dB attenuation** optimal for canopies made from SILVER-TULLE, SILVER-TRICOT but also for all other fabrics.

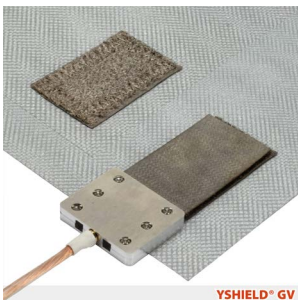
**Made from our fleece YMC-50-150.** Basis is a stable PP-fleece, on one side coated with zinc.

The sheets with 0.5 mm are very flat and are not sewed at the edges. The black fleece-side must always face towards the floor, the silvery metal-side would scratch the floor. Place over it a carpet or a material of your choice. This floor mat

is bigger than the one made from Steel-Twin, and therefore offers more reserve space, if the canopy is not hanging straight down. **Our price/value recommendation!**

### Technical data

- **Attenuation: 50 dB**
- **Size single bed (U1M):** Width 150 cm, length: 290 cm
- **Size double bed (U2M):** Width 290 cm, length: 290 cm
- **Scope of supply single bed (U1M): 1 sheet YMC-50-150.** Grounding: 1 plate GV, 1 cable GC500, 1 plug GD have to be ordered seperately.
- **Scope of supply double bed (U2M): 2 sheets YMC-50-150.** The two sheets are layed 10 cm overlapping. Grounding: 2 plates GV, 2 cables GC20/GC500, 1 plug GD have to be ordered seperately.
- With sewed on Velcro-areas for our grounding plate GV.



YSHIELD® GV