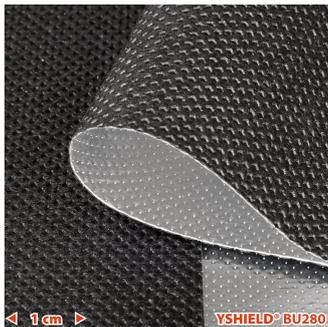


# YSHIELD® BU280 | Canopy base universal

111 dB shielding attenuation at 1 GHz. Three sheets result in an area of 250 cm x 280 cm including overlap. No earthing necessary.



## Properties

For a complete Faraday cage, canopies must also be shielded from below. **This canopy base consists of three sheets of soft fleece** bonded to a diffusible micro-needled aluminum foil.

This is the first time we have used this base material for canopies: it is **inexpensive**, has a very **high attenuation**, can **be used universally** and is produced in-house. This is a customized hygiene product. Exchanges and returns excluded. Please contact our sales team for more information before purchasing. Request a free sample before ordering.

## Technical data

- **Attenuation: 111 dB**
- Dimensions: 3 sheets 90 cm width and 280 cm length; Results in a **shielding area of 250 cm x 280 cm** including 10 cm overlap
- Materials: PP fleece / micro-needled aluminum foil
- sd value: 0.034 m
- VOC emissions: 0 (class A+)
- Scope of delivery: 3 panels BU280 90 cm x 280 cm. No room decoration and no canopy included

## Application & care

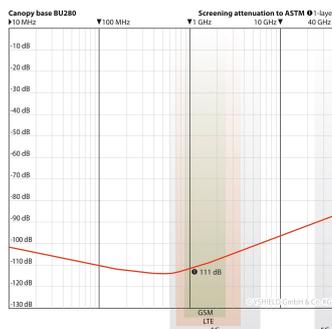
The 3 sheets are **laid overlapping under the canopy** and fixed in place with adhesive floor tape to prevent them from slipping (black side pointing upwards). Then use a floor covering of your choice to protect the material. BU280 cannot be washed, careful vacuuming on the black side is possible, however.

## Grounding

After many series of tests and the latest findings, **earthing is not necessary** and is no longer recommended by us!

## Shielding attenuation HF

This product **shields high frequency electromagnetic fields (HF)**. Unless otherwise stated, the indicated dB-values apply to 1 GHz. Measurement from 10 MHz to 40 GHz according to standards ASTM D4935-10 or IEEE Std 299-2006.



YSHIELD GmbH & Co. KG  
94099 Ruhstorf, Germany  
[www.yshield.com](http://www.yshield.com)  
[info@yshield.de](mailto:info@yshield.de)