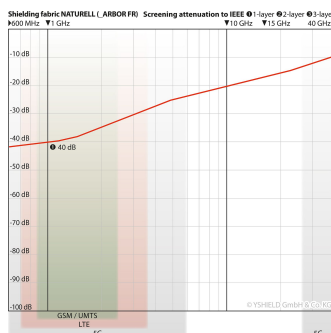
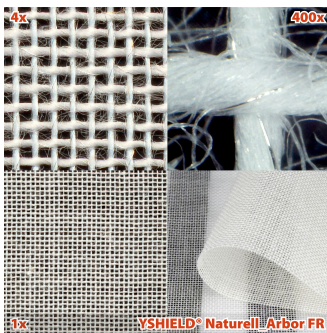


Swiss-Shield® NATURELL_ARBOR FR™ | Fire protection shielding fabric | Width 250 cm | 1 meter

From Swiss Shield®. The world's only shielding fabric in accordance with EN 13733 with fire protection class 5.3. Dry cleaning only. 40 dB. Width 250 cm.



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Properties

NATURELL_ARBOR FR™ from Swiss-Shield® is the world's first shielding fabric to set new standards in terms of fire safety and flame protection in accordance with EU standard EN 13773 with fire protection class 5.3. NATURELL_ARBOR FR™ was specially developed to meet the fire protection requirements in various buildings such as hospitals, retirement homes, public buildings, etc. At the same time, it offers excellent protection against EMF radiation! Thanks to its innovative composition and processing, it meets the highest safety standards.

The **LENZING™ Lyozell FR™ fibers used retain their fire protection class even under extreme conditions, such as heat or chemical influences.** This means that protection against fires is maintained over a long period of time. LENZING™ Lyozell FR™ fibers are obtained from certified renewable wood in an ecologically responsible manufacturing process in compliance with high environmental standards and contribute to a sustainable lifestyle and a clean environment

NATURELL_ARBOR FR™ can be used in a variety of ways, for example for curtains, room dividers, workwear or furniture. Its robustness guarantees a long service life and thus minimizes the need for replacement materials.

OEKO-TEX® STANDARD 100

If a textile article carries the **OEKO-TEX® STANDARD 100** label, you can **be certain that the article therefore is harmless for human health.** In many cases the limit values for the STANDARD 100 go beyond national and international requirements. The criteria catalog is updated at least once a year and expanded with new scientific knowledge or statutory requirements. **ZH015208475 OEKO-TEX® Label Check**

Swiss Shield® Shielding fabrics

This fabric is manufactured by Swiss Shield® in Switzerland with a patented, **invisible high-tech yarn.** At YSHIELD we value the constantly high quality of the fabrics - it's not for nothing that we are the world's largest Swiss Shield® distributor.

Technical data

- **Width: 250 cm, +/- 2 cm**
- Length: Available by the meter
- **Attenuation: 40 dB**
- Color: Ecru-White
- Raw materials: 82 % viscose, 17 % copper, 1 % silver
- Weight: 70 g/m²
- Dimension stability: +/- 3 %

Care instructions

- **This fabric must NOT BE WASHED IN A WASHING MACHINE. A PROFESSIONAL DRY CLEANING P at a dry cleaner with experience with VISCOSE is recommended. The care instructions can be found above in the downloads.**
- DO NOT wash with water
- NO hand wash
- DO NOT tumble dry
- DO NOT bleach
- Iron without steam at degree 1

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.

This product contains electrically conductive parts on the inside which can neither be contacted nor grounded. That's why individual areas **do not shield low frequency electrical fields (LF).** In case this product is used as a Faraday cage (complete shielding on six sides), there will be no low frequency electrical fields (LF) on the inside, which can be proven with a potential free measurement.

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.**