



**Swiss Shield Ventus >> Radio Frequency / Microwave Shielding Fabric <<**



**Swiss Shield Ventus** is a premium, decorative, tight weave natural cotton shielding fabric

- Semi-transparent textile fabric with excellent RF shielding characteristics
- Higher shielding power than Naturell or Ultima
- Applications include window curtains and liners, canopies, room dividers and may be used for shielding large surfaces such as complete walls
- Withstands up to 30 washes with no loss of performance
- Washable, easy to iron, cut and sew

**Swiss Shield Fabrics:** Top quality, ecological, skin friendly fabrics for radio frequency "RF" shielding (cell phones/cell phone towers, cordless telephones, wireless routers, digital television "DTV" transmission towers, microwave ovens, smart meters, bluetooth devices, baby monitors, laptop computers, wireless security systems, radar, tablets etc...)

- Contains very thin (0.02mm) moisture protected, silver coated copper threads spun with cotton, polyester, or lyocell yarns, woven into washable, comfortable fabrics with a normal look and feel
- OEKO-TEX 100 Certified – Contains no harmful substances, no flame retardants, no chemicals
- Independently tested for RF shielding Performance - MIL-STD 285 and IEEE Standard 299-1997

**Technical Data**

<b>Width/Length</b>	(Width = 245 cm or 97 inches / 8 feet 1 inch) (Length: per foot or meter)
<b>Dimensional Stability</b>	3%
<b>Color</b>	Ecru - Slightly off white, unbleached
<b>Weight</b>	79 g/m <sup>2</sup>
<b>Characteristics</b>	Washable, colourfast, antistatic
<b>Certificates</b>	Öeko-Tex 100 Class 1 (Gentle enough for babys undergarments)
<b>Raw Materials</b>	78% cotton, 20.5% copper, 1.5% silver
<b>Surface Conductivity</b>	Not externally conductive - Grounding not required



**Swiss Shield Ventus RF Shielding Performance**

Baby Monitor	49, 902, 2400 MHz
Bluetooth	2400 MHz
Cellular	700 - 2600 MHz
5G Low-Mid, High Band	600 - 6000 MHz, 24000 MHz+
DECT Phone	1900 MHz
FM Radio	88 - 108 MHz
Microwave Oven	2450 MHz
Smart Meter	900, 2400 MHz
TV Towers DTV	54 - 698 MHz
WiFi Router	2400, 5000, 6000 MHz
WiMax	3500 MHz

