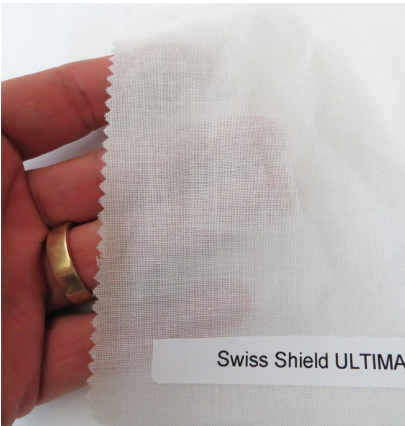


Swiss Shield Ultima >> Radio Frequency / Microwave Shielding Fabric <<



Swiss Shield Ultima is a top of the line sheer natural cotton fabric

- Semi-transparent textile fabric with unmatched RF shielding characteristics
- More dense than Naturell
- Higher shielding power than Naturell, Daylite, and Wear
- Applications include window curtains and liners, canopies, room dividers and may be used for shielding large surfaces such as complete walls
- Withstands more than 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 or polyester 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

Width/Length	250 cm (98.4 inches) +/- 1 inch / by the meter or foot
Color	Sheer, Slightly Off White
Characteristics	Washable, colourfast, antistatic
Care:	Hand wash in cold water, hang to dry
Certificates	MIL-STD 285, NSA 65-6, Öeko-Tex Standard 100+1000
Raw Materials	82% cotton, 18% copper/silver
Shielding Characteristics:	99.992% or 41 dB at 1000 MHz
Surface Conductivity	Not externally conductive - Grounding not required



Swiss Shield Ultima RF Shielding Performance

RF Sources

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

