



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



**Swiss Shield Ultima Arbour** is a top of the line sheer natural lyocell fabric

- Semi-transparent textile fabric with unmatched RF shielding characteristics
- More dense than Naturell
- Higher shielding power than Naturell, Daylite, and Wear
- Applications include clothing, 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, polyester, or viscose 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>	250 cm (98.4 inches) +/- 1 inch / by the meter or foot
<b>Color</b>	Sheer, Slightly Off White
<b>Characteristics</b>	Washable, colourfast, antistatic
<b>Care:</b>	Hand wash in cold water, hang to dry
<b>Certificates</b>	MIL-STD 285, NSA 65-6, Öeko-Tex Standard 100+1000
<b>Raw Materials</b>	18% Copper/Silver, 82 % Viscose
<b>Shielding Characteristics:</b>	99.992% or 41 dB at 1000 MHz
<b>Surface Conductivity</b>	Not externally conductive - Grounding not required



**Swiss Shield Ultima Arbour 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

