Swiss Shield New Daylite >> Radio Frequency / Microwave Shielding Fabric <<

Swiss Shield New Daylite is a decorative, highly transparent, open mesh polyester shielding fabric with excellent air and light penetration:
- Light Weight, durable frayless fabric with good RF shielding characteristics
- Applications include window curtains, sheers, canopies, room dividers and may be used for shielding large surfaces such as complete walls
- High-quality, translucent fabric with the look and feel of normal fabric
- Washable, easy to iron, cut and sew, wrinkle-resistant

Swiss Shield Fabrics: Top quality, ecological, skin friendly fabrics for radio frequency "RF" shielding (cell phones/cell phone towers, cordless telephones, wireless routers, television broadcasts, 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
- EKEO-TEX 100 Certified – Contains no harmful substances, no flame retardants, no chemicals

Technical Data

<table>
<thead>
<tr>
<th>Width/Length</th>
<th>(Width = 260 cm or 102 inches / 8 feet 6 inches) (Length: per foot or meter)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensional Stability</td>
<td>0.1 – 0.3%</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
</tr>
<tr>
<td>Weight</td>
<td>65 g/m²</td>
</tr>
<tr>
<td>Characteristics</td>
<td>Washable, colourfast, antistatic</td>
</tr>
<tr>
<td>Certificates</td>
<td>Öko-Tex 100 Class 1 (Gentle enough for babys undergarments)</td>
</tr>
<tr>
<td>Raw Materials</td>
<td>92% cotton, 7.5% copper, 0.5 % silver</td>
</tr>
<tr>
<td>Surface Conductivity</td>
<td>Not externally conductive - Grounding not required</td>
</tr>
</tbody>
</table>

dB Shielding Table

- 10dB = 90%
- 15dB = 97%
- 20dB = 99%
- 25dB = 99.7%
- 30dB = 99.9%
- 35dB = 99.97%
- 40dB = 99.99%
- 45dB = 99.997%
- 50dB = 99.999%
- 55dB = 99.9997%

RF Sources

- Baby Monitor: 1900 MHz
- Bluetooth: 2400 MHz
- Cellular: 900-2600 MHz
- DECT Phone: 1900 MHz
- FM Radio: 88-108 MHz
- Microwave Oven: 2450 MHz
- Smart Meter: 900 MHz
- TV Towers DTV: 54-698 MHz
- WiFi Router: 2400-5100 MHz
- WiMax: 3500 MHz