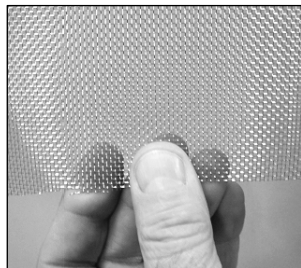


# SHIELDING FABRICS

## COPPER WIRE MESH

*When Only Pure Copper Will Do*

Highly transparent and conductive. Woven pure copper, fine wire mesh is useful for RF and electric field shielding, Faraday cages and grounding. Mesh is flexible and cuts easily with scissors. Will conform to most shapes or lay flat easily. Can be soldered. Easy to connect a ground cord.



Also very decorative, but susceptible to tarnish. It will turn brown, then green, when exposed to the environment, so definitely not for exterior use.

16 wires per inch  
0.011" Wire Diameter  
0.051 inch openings

67% open  
2.3 oz/ft<sup>2</sup>  
Width: **36 inches**

**Copper Wire Mesh (Cat. #Q1246) ... \$11.00 per linear foot**  
**100' roll: (Cat. #Q1246-roll) ..... \$825.00**

## SOFT&SAFE™ SHIELDING FABRIC

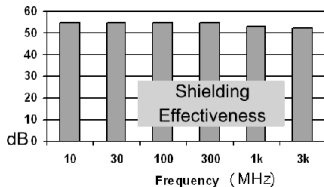
*The Perfect Garment Shield*



This fabric feels great against the skin, is hand washable, conductive, and offers exceptionally high RF shielding performance. It is perfect for making microwave shielding pajamas, shirts, hoods, curtains or sheets. Easy to make a ground connection because the surface has high conductivity (<1 Ohm per sq). Made with a unique blend of natural materials: 70% bamboo fiber and 30% Silver. Silver

gives Soft&Safe anti-bacterial and anti-odor qualities. Greater than 50 dB attenuation too! Cuts and sews like ordinary cotton fabric. 135g/m<sup>2</sup>. Pale rose color. **59 inch wide.**

Weight: 135g/m<sup>2</sup> Resistivity: <1 Ohm/sq  
Color: pink Base: Bamboo fiber  
Conductor: pure Silver threads



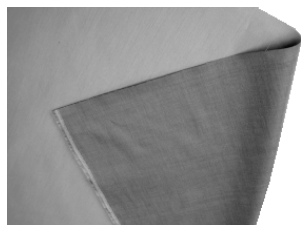
**Soft&Safe™ (Cat. #Q1231) ... \$21.95 per lin ft**  
**Roll Surcharge ... \$10.00 Material will ship folded if this is not selected**

**Soft&Safe™ [100 lin ft roll] (Cat. #Q1231-roll) ..... \$1646.00**

## SaniSilver™

*One-side Pure Cotton, other is Conductive Silver*

Like soft? Like the idea of cotton against your skin? SaniSilver is a reversible fabric- one side is highly conductive (<1 Ohm per sq) pure Silver, the other side is pure cotton (~100 Ohm/sq). Nice to touch. About 55 dB shielding for common RF frequencies, and groundable.



Great for drapes, bedding, grounding and clothing. Use multiple layers to increase shielding! Easy to cut and sew. Use it facing either way. One side is gray/silver, the other side is light tan. Weight: 164g/m<sup>2</sup>. **59 inch wide**

**SaniSilver (Cat. #Q1229) ..... \$21.95 per lin ft**

Toll free in USA: 1-888-537-7363  
International: +1-518-608-6479

Fax: 1-309-422-4355  
www.lessemf.com