

# COTTON GRID FABRIC

*Ultra-Low Cost Conductive Fabric*

Perfect for bedding, clothing, wraps and drapes. Impressive conductivity in a completely non-toxic format. **Cotton Grid Fabric** is the perfect choice when you want an all natural conductive fabric. Anti-static properties will discharge what ever it comes in contact with.

- 2 simple ingredients: Cotton and pure Silver fibers in a grid pattern
- Identical on both sides
- Completely comfortable and safe for skin contact
- Very conductive: ~10 Ohm/sq, Groundable and anti-static
- Washable, cuts and sews like ordinary fabric
- Provides ~50% reduction of RF signals too!

Cotton Grid can also be used to *reduce* an RF signal when you don't want to *kill* the signal completely. Super wide 112 inch format makes it ideal for most projects. 3.5% Silver, 96.5% Cotton; 135 g/m<sup>2</sup>; 112 inches wide (9.3 feet)

The fabric is highly conductive. DO NOT allow the fabric to come in contact with electric wires, outlets or switches. Cover nearby outlets with child safety caps. Does not contain flame retardant, use caution around open flames and heat sources.

**Cotton Grid Fabric (Cat. #1282)**

## Washing Instructions:

- 1) Softly wash by hand, with neutral detergent such as TexCare (Don't use any strongly alkaline detergent such as washing powder).\*\*
- 2) Water temperature below 40°C.
- 3) No bleach, do not use detergent with bleach ingredients.
- 4) Hang dry. Do not wring, do not hang in blazing sun for a long time, and pick up promptly from the water to dry.
- 5) Do not dry clean.

\*\* Poor water quality will damage Silver. In particular Sulphur, high Fluoride, and low pH will react strongly with Silver and destroy conductivity and shielding performance.

Test your tap water on a small fabric swatch before washing your fabric or garment:

- 1- soak a small fabric swatch in tap water for 1 hour.
- 2- look for color change in the water or swatch, especially blackening.
- 3- air dry the swatch and check for conductivity (by touching an Ohm meter to 2 points on the fabric)

If color change or loss of conductivity occurs, DO NOT use tap water to wash/rinse your fabric, use distilled or deionized, reverse osmosis water.

Exclusively From: [www.lessemf.com](http://www.lessemf.com)

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