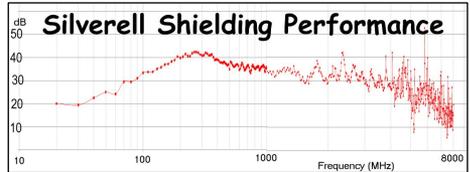


SILVERELL[®] FABRIC

Soft and Stretchy as a Cotton T-Shirt

Take Rayon and silver. Make a super soft yarn, then knit into a beautifully soft fabric which is a delight to wear. That's Silverell! Because it's knitted, it has a nice stretch in one direction. Because it's Silver it has good conductivity, anti-static properties, and shielding (*and odor control*). And because it's Rayon, it's comfortable and washable. A great material for making garments and bedding. >90% RF attenuation from 20 MHz to 8 GHz. Machine washable, gentle. Fabric will pill if abraded. Light gray color. RoHS compliant **62±2 in wide**.



Material: 16% Silver/nylon + 84% Rayon

Construction: Jersey knit

Yarn count: Dtex44/12

Weight: 134 g/m²

Surface resistivity: <5 Ohm per sq

Shielding effectiveness: >20 dB

Silverell Fabric (Cat. #1224)

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. *Washing will eventually degrade Silver coating and shielding performance. Discoloration over time is normal.*

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.