

# STRETCH CONDUCTIVE FABRIC

*"All The Conductivity Of Silver With Lycra-Like Stretch"*



This medical grade Silver plated 76% Nylon 24% elastic fiber fabric offers the unique ability to stretch in both directions. Can be used as an antibacterial wound/ burn dressing (note: our material is not sterile) but it also makes a great

material for electrode contacts, stretchy hats, socks, gloves, or other shielded garments. Highly conductive, and conductivity increases as it stretches in one direction, and decreases as it stretches in the other direction (handy for smart textile applications). Silver coating is 99.9% pure.



Silver/gray color. Very unique!

Surface resistivity: <0.5 Ohm/sq. (unstretched)

Shielding Effect: 35+dB: 1-10 GHz

Temperature range: -30 to 90 °C

Thickness: 0.40 mm      Weight: 4.3 oz/yd<sup>2</sup>

Stretch: ~100% x length;      ~65% x width direction

Width: 135 cm (52 inch) wide, but varies by lot.

## **Care Instructions:**

*Hand wash in warm water, mild soap. Rinse thoroughly  
NO BLEACH! Hang dry. Do not apply heat. Do not iron.  
Washing will eventually degrade silver coating.*

**Stretch Conductive Fabric (Cat. #321)**

**Less EMF Inc.**

Tel: +1-518-608-6479

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