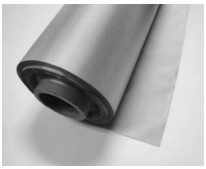
SHIELDING FABRICS

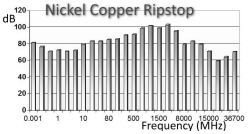
NICKEL/COPPER RIPSTOP

High Performance and Non-Corroding



Even better shielding effectiveness than Pure Copper Polyester, and vastly superior tarnish and corrosion resistance due to Nickel/Zinc plating. Polyester ripstop base fabric for toughness and light weight. Only 0.08mm thick.

Surface Resistance: **0.01-0.03** Ohm/sq. Because Nickel may produce skin allergies, this material is not intended for direct contact with skin. Protective gloves are recommended when handling this material. 1080 mm (**42.5 in.**) wide.



(Cat. #R1213) .... $12.95 per lin ft

100 foot roll (Save 25%!):
(Cat. #R1213-roll) ..... $971.25 each

ESD STATIC FABRIC

Strength of Steel, Softness of Fabric

This is an interesting mesh material. Very fine (0.08 mm) 316L Stainless steel wire is knitted with 40% polyester yarn to create a stretchy fabric that is easy to touch and wash, but wears tough. Highly conductive in transverse direction (2.2 Ohm per sq.) and ample 1000 Ohm per sq conductivity longitudinally. Great for static control. Make seat covers, computer covers, overgarments etc. 152 gr/m².
Can also be used to make great looking **medieval chain mail costumes** by professional manufacturers and hobbyists alike. Easy to cut and sew, with minimal unraveling at the edges. Washable too. Not for combat applications, but a great costume material for museums, Renaissance fairs, theatrical productions, Halloween and school plays. **1 meter wide**. Gray.
(Cat. #R1272) ..... $11.95 per lin ft

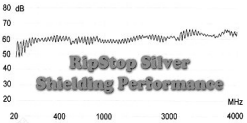
100 foot roll (Save 25%!):
(Cat. #R1272-roll) ..... $896.25 each

RIPSTOP SILVER

High Quality Silver for Performance

Good microwave & radiowave shielding. First developed as an anti-bacterial fabric for general use (wound healing and odor control) so you know it has consistent high quality, Ripstop Silver Fabric is a very conductive, high shielding performance fabric. Pure Silver coated onto nylon RipStop for strength. Can be used for garment liners. Also great for static control. Comfortable and safe against the skin. Resistivity is less than **0.25 Ohm/sq**. Light gray color. Light weight too: only 1.1 ounce per sq yard. -30°C to 90°C temperature range. **59 inch wide**. Hand washable. Made in USA.

30 den Nylon; 121 threads per inch
Thickness: 2 mil



Common uses:
- E-field shielding
- Microwave shield
- Anti-static / grounding pad or sheet
- RF shielding jacket, hat, garment liner.
- Faraday enclosure
- Window drapes or appliance cover

(Cat. #R322) ..... $17.95 per lin ft

100 foot roll (Save 25%!):
(Cat. #R322-roll) ..... $1346.25 each

RADIOSCREEN™

Extremely Fine Mesh

Need to see through your RF shielding? This Nickel/Copper coated polyester mesh offers very good transparency and excellent corrosion resistance. Better than **50dB over 10MHz-3GHz** attenuation makes this the perfect choice for indoor window screens and shielding which requires air circulation. Flexible and light weight, cuts easily for custom sizing. Can be used indoors or out.
54 inch wide.

Thickness: 0.09mm — 130 threads per inch
Width: 54 inch — Weight: 45 g/m
Resistivity: <0.1 Ohm/sq

(Cat. #R1240) ..... $15.99 per lf

100 ft roll (Cat. #R1240-roll) $1199.25