

CONDUCTIVE HOOK & LOOP FASTENER

Conductive Temporary Hold

Similar to Velcro™ but conductive. One inch wide. Excellent holding power and RF shielding. Use it to create re-sealable flaps, tubes, and seams in shielding fabrics, plastics and foils. Will conduct along its length *and* across the gap. Silver coated. Can be sewn in or glued, no adhesive supplied. 1 inch wide. Very unique!

Specifications:

Expected cycle life: 5000 openings/closings

Shear strength (new): 12.3 psi

Shear strength (after 5000 cycles): 6.7 psi

Peel strength (new): 1.2 piw

Peel strength (after 5000 cycles): 0.8 piw

Weight: 0.15 oz/in²

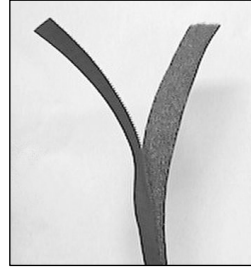
Mated thickness: 1/8 in

Resistivity:

Hook: 1.8 Ohm per sq

Loop: 1.4 Ohm per sq

0.8 Ohm through mated closure



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. It will conduct electricity. Keep away from electrical sockets and bare wires.

Available from: Less EMF Inc.
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