



# LIQUID TAPE

~ ELECTRICAL ~

BRUSH-ON INSULATION

## DESCRIPTION:

LIQUID TAPE is an air dry synthetic rubber coating that can be easily brushed on and exhibits excellent moisture, acid, alkaline, abrasion and dielectric resistance. LIQUID TAPE, available in red, black, green, and white, will not crack, peel, or harden and remains flexible – even under extreme conditions. LIQUID TAPE can be used in many applications including electrical connections for boats, trailers, RV's, trucks, automobiles, timers, pool electricals, bilge pumps, sprinkler pumps, instruments, computers, circuit boards, switches, and will stop terminal screws from vibrating loose. Use LIQUID TAPE to insulate, protect and color code.

## SPECIFICATIONS:

Dielectric: (ASTM D -149) 1,400 v/mil

Solids (wt.): 24 %

Tensile: (ASTM D -638) 3,740 psi

Elongation: (ASTM D -638) 430%

Cut resistance: (ASTM D -1044) very good

Shelf life: 1 year at 77°F

Chemical resistance:

acids, alkalines, pollutants - excellent  
petroleums - limited

Durometer shore A: (ASTM D -2240) 70

Salt spray: (ASTM B -117) passed 1,000 hours

Weather ability: (ASTM G -53) 3-5 years

Temperature use range: -30°F to 200°F.

Stone abrasion: (ASTM D-3170) excellent

Permeability: (ASTM E -96) .03 grains/sq. ft./hr.

Viscosity range: 90 – 110 K.U. @ 77°F (+/- 2°F)

## SURFACE PREPARATION:

Wires, terminals or all other surfaces must be clean, dry, and free of all oils, grease, wax and loose rust.

## MIX WELL BEFORE USE. USE ADEQUATE VENTILATION.

Stir gently with brush applicator cap to avoid producing bubbles before each use. Apply wet overlapping coats. Allow 10 - 20 minutes dry time (dry to the touch) before applying additional coats to desired thickness. A minimum of 2 - 3 coats are recommended for best results. Allow 24 hours to fully cure.

**CAUTION:** Turn off power before starting electrical work and follow your local electrical codes. Minimal 2 coats required (5+ mils) to assure good dielectric protection.

## HINTS:

**Allow 4 hours dry time per coat before use.** Allow overnight drying whenever possible. Avoid excessive air movement, heat or humidity. Always use proper ventilation and protection.

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# ADDITIONAL APPLICATION IDEAS

**Landscape Lighting**  
**Cables**  
**Electronics**  
**Gauges**  
**Outlet boxes**  
**Sensors**  
**Circuit Boards**  
**Underground wiring**  
**Controls**  
**Valves / Actuators**  
**Alarms / Sirens**  
**Distributors**  
**Junction boxes**  
**Sleeves for LEDS**  
**Robot electronics**

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