

# 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, acids, alkalines, abrasion and dielectric resistance. LIQUID TAPE is available in red, black, green and white. 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, etc... LIQUID TAPE won't crack, peel or harden and remains flexible - even under extreme conditions. Use to insulate, protect and colour code. Stops terminal screws from vibrating loose.

**SPECIFICATIONS:**

Durometer shore A (ASTMD2240) 70

Solids (wt.) 24%

Tensile (ASTM D-638) 2,500psi

Elongation (ASTM D-638) 500%

Cut resistance (ASTM D-1044) very good

Viscosity range: 7,000 - 22,000 cps

Permeability (ASTM E-96)

.03 grains/sq. ft./hr.

(3.23 grains/ m<sup>2</sup>/ hr).

Chemical resistance:

Acids, alkalines, pollutants: excellent

Petroleums: limited

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

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

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

Temperature use range: -30°F (-34.4°C) to 200°F (93.3°C).

Stone abrasion (ASTM D-3170) excellent

Shelf life: 1 year at 77°F (25°C)

Coverage: 30 sq.ft. per gallon at 15 mils

(2.79m<sup>2</sup> per 3.78L at 0.38mm).

\*For information on ASTM's please visit <http://www.astm.org/>

**SURFACE PREPARATION:**

Wires, terminals or all other surfaces must be clean, dry, and free of all oils, grease, wax and loose rust. Stir gently with brush applicator cap to avoid producing bubbles.

**MIX WELL BEFORE USE. USE ADEQUATE VENTILATION.**

Gently mix before each use. Apply wet overlapping coats using the brush cap. Allow 10-20 minutes (dry to the touch) dry time 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/0.127+mm) 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.

**ADDITIONAL APPLICATION IDEAS**

Landscape Lighting

Outlet Boxes

Sensors

Junction Boxes

Cables

Underground Wiring

Valves / Actuators

Sleeves for LEDS

Electronics

Circuit Boards

Alarms / Sirens

Robot Electronics

Gauges

Controls

Distributors

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Should you need further assistance, please contact:

**PLASTIC DIPS & COATINGS**

**82 Wamara Crescent, FORSTER NSW 2428**

**Phone: (02) 6554 9963**

**Email: [sales@plastidip.net.au](mailto:sales@plastidip.net.au)**

[plastidip.net.au](http://plastidip.net.au)