



Toll Free: 87 PERMATEX  
(877-376-2839)

10 Columbus Blvd., Hartford,  
Connecticut 06106

6875 Parkland Boulevard, Solon  
Ohio 44139

## Technical Data Sheet

# Permatex<sup>®</sup> Liquid Electrical Tape

AAM Revised 03/10

### PRODUCT DESCRIPTION

Permatex Liquid Electrical Tape is a quick drying black coating for wiring and electrical connections. It creates a continuous waterproof seal that prevents corrosion and remains flexible when dry. Liquid Electrical Tape has hundreds of automotive, marine and household uses. It is easy to use and ideal when a dependable, weatherproof electrical connection is required.

### PRODUCT BENEFITS

- Provides a flexible coating for electrical wiring
- Permits flow of electrical current
- Waterproof- prevents moisture and corrosion
- Eliminates the need for electric tape or shrink tubing
- Remains flexible after curing
- UV resistant

### TYPICAL APPLICATIONS

- Underground wiring
- Outdoor lighting fixtures
- Bilge pumps
- Terminal blocks
- Exposed wires

### DIRECTIONS FOR USE

1. For best results, avoid direct sunlight, high humidity or windy conditions.
2. Follow local electrical codes when doing electrical repair work.
3. Always disconnect power before applying.
4. Stir well before using.
5. Make sure surfaces are clean and dry.
6. Apply liquid tape to connection or repair area. Completely coat repair area for an air and water tight seal.
7. Allow 10 minutes minimum between coats. A minimum of two coats is recommended.
8. Allow 4 hours minimum dry time before use.
9. Allow Liquid Electrical Tape to dry completely before restoring power.

### PHYSICAL PROPERTIES OF MATERIAL

	Typical Value
Chemical Type	Proprietary compound
Appearance	Black liquid
Specific Gravity	0.97
Flash Point, SCC °C (°F)	16 (60)
Temperature Range F(C)	-65 to 400 (-54 to 204)
Dielectric Strength, ASTM D-149	1117 volts/mil (6.3 mil thickness)

### GENERAL INFORMATION

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected for use with chlorine or other strong oxidizing materials.**

**For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).**

### ORDERING INFORMATION

Part Number	Container Size
85120	4 fl. oz. bottle, carded

### STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° and 28°C (46° and 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

### NOTE

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. **ITW Permatex, Inc. specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Permatex, Inc. products and disclaims any liability for consequential or incidental damages of any kind, including lost profits.** This product may be covered by one or more United States or foreign patents or patent applications.

NOT FOR PRODUCT SPECIFICATIONS.

THE TECHNICAL DATA CONTAINED HEREIN ARE INTENDED AS REFERENCE ONLY.  
PLEASE CONTACT PERMATEX, INC., TECHNICAL SERVICE DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS FOR YOUR SPECIFIC APPLICATION.  
PERMATEX, INC., HARTFORD SQUARE NORTH, 10 COLUMBUS BOULEVARD, HARTFORD, CT 06106 PHONE - (1-87PERMATEX)