

Required System Parts:

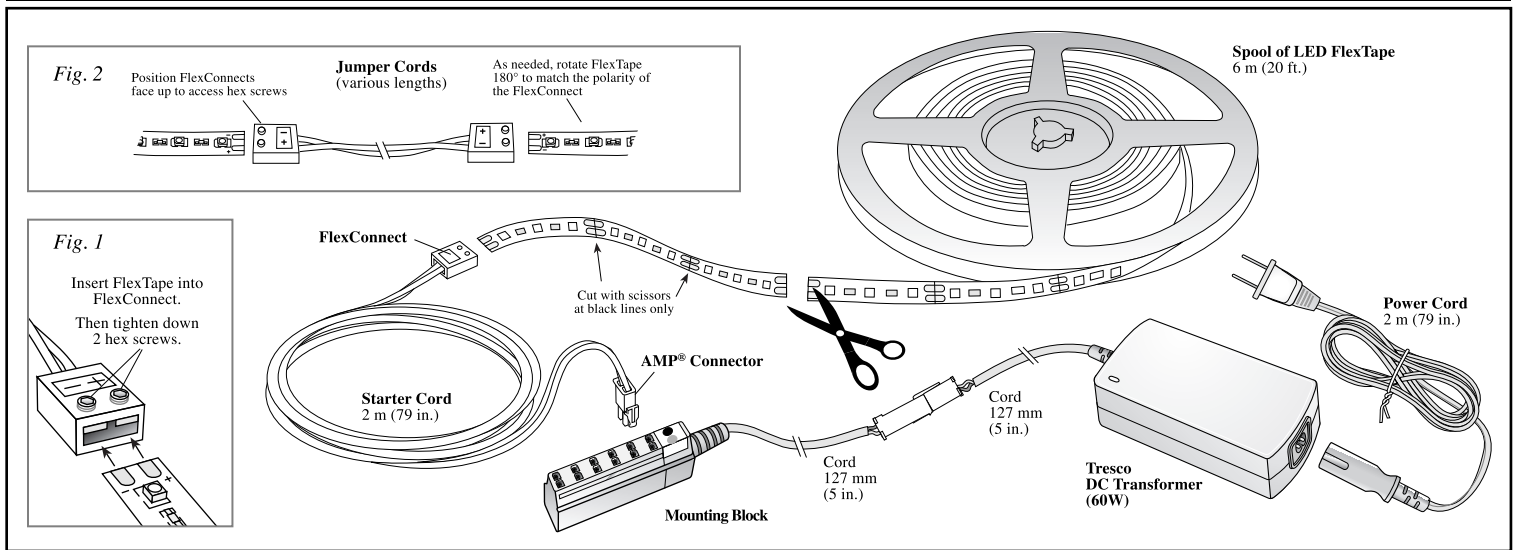
- (1) Spool of LED FlexTape P/N: LED-FLXTPE-X
- (1) DC Transformer 60W with Mounting Block and Power Cord P/N: DC-ELT60-CON
- (1) Starter Cord P/N: LED-TPEPKT-2M

Accessories (purchased separately): Touch On/Off Switch, Round Switch, Roll Switch, Remote Control LED Dimmer, and Jumper Cords (various lengths).

Installation Instructions

12VDC - LED FlexTape Light

LED Lights mounted on a Flexible Tape



Tresco International's LED FlexTape light system is designed to adhere to a smooth, clean surface (indoor locations only). To be used with Tresco DC Transformer (60W) only.

READ ALL INSTRUCTIONS BEFORE INSTALLING SYSTEM.

Before beginning installation, be sure power is turned off to light system.

NOTATIONS to help determine installation layout:

- Maximum linear run of FlexTape from one Starter Cord is 6 m (20 ft.).
- Maximum linear run of FlexTape linked together by Jumper Cords is also 6 m (20 ft.). e.g. you cannot link together two 6 m (20 ft.) runs to make one 12 m (40 ft.) run.
- For additional linear runs, you must use a new Starter Cord connected to the Mounting Block. Up to (6) Starter Cords can connect to one Mounting Block.
- Maximum length of FlexTape on all runs from a single Transformer is **12 m (40 ft.)**.
- Minimum linear run is one 'unit' of 3 LEDs.
- **Cut FlexTape contacts ONLY at the designated black lines on tape (see main Illustration).** Cutting anywhere but on the designated black line will damage that 'unit' of 3 LEDs. The length of each FlexTape unit (3 LEDs) from line-to-line is approximately 45 mm (1-3/4 in.).

Installing the LED FlexTape light system:

Roughly lay out the lighting system before installation to verify final positioning of all components. Check that the Power Cord will properly reach the 120V power source.

1. First, install the Transformer and Mounting Block. Link their connectors together, but do not plug Power Cord into 120V power source yet.

NOTE: Use insulated staples or plastic ties to secure ALL cords throughout the installation.

2. Next mount the Starter Cord. Route the Starter Cord so the **FlexConnect** is positioned exactly where you want the FlexTape to begin. Orient the FlexConnect so the two hex screws are facing toward you. Insert the **AMP® Connector** into Mounting Block.

NOTE: the red dot (+) and black dot (-) on the AMP Connector must match-up with the red and black dots on the Mounting Block to maintain proper polarity.

3. Before mounting the FlexTape, peel off approximately 25 mm (1 in.) of backing from the FlexTape. Insert one end of the FlexTape into the FlexConnect of the Starter Cord, aligning the FlexTape's two end contacts to the hex screws in the FlexConnect. Tighten hex screws with a 1.5 mm hex key (allen wrench). Tighten firmly, but do not over tighten. (see Fig. 1)

NOTE: When the FlexTape and the FlexConnect are both facing you, the polarity of the two contacts should match-up (+) to (+) and (-) to (-). See markings on FlexTape and FlexConnect.

4. If you continue the FlexTape run using Jumper Cord(s), at this time attach the FlexConnect of the Jumper Cord to the loose end of the first FlexTape section. Again match-up (+) and (-).

Continue to link Jumper Cords to FlexTape sections until all links are made in the run.

As needed, rotate FlexTape 180° to continue to match-up polarity (+) and (-). (see Fig. 2) Use insulated staples or plastic ties to secure all Jumper Cords.

5. After all links are completed to the FlexTape run, peel off the backing from the FlexTape sections exposing the adhesive side of the tape. Position the tape on any smooth, flat surface (cabinet, shelf, etc.) and lightly rub down the tape **IN BETWEEN the LEDs, do NOT push down on the LEDs themselves**. The tape should firmly adhere to clean surfaces that are smooth and clear of oil, grease, dust or dirt.
6. To add more FlexTape runs from a new Starter Cord, repeat the steps above.
7. Double-check all connections and then turn on power to light system.

IMPORTANT SAFETY INSTRUCTIONS:

CAUTION: To reduce the risk of fire, electric shock, or injury to persons:

- NOT intended for outdoor use or where exposed to excessive moisture.
- FlexTape is very flexible, but CANNOT be kinked or creased or the internal contacts may break.
- Use only insulated staples or plastic ties to secure cords.
- Route and secure cords so that they will not be pinched or damaged when the cabinet is pushed to the wall.
- NOT intended for use in enclosed or recessed installations, such as in ceilings, soffits or walls.
- Do not run line voltage power supply cord through holes in walls, ceilings, floors or similar permanent structure.
- If required, a licensed electrician should be consulted for wiring through permanent structures. When mounting and wiring light system, follow all local electric codes and the National Electrical Code (NEC).
- Disconnect electrical power before cutting light or modifying system.
- Individual LEDs cannot be replaced. Instead replace entire FlexTape section.

This light is intended to be used as cabinet fixtures on metal, wood, particle board or other structurally sound, heat-resistant surface. Care should be taken during and after installation to avoid contact of light with wiring, cord, or any combustible material.

Save these instructions for future reference.
For technical assistance: call 800-227-1171



Tresco International Ltd. Co.
801 E. Middletown Rd.
North Lima, Ohio USA 44452

Tel: 800-227-1171
Fax: 800-841-2523
Tel: 330-549-2230
Fax: 330-549-2260

E-mail: custsvc@trescointl.com
Web: www.trescointernational.com