



LED Flexible Ribbon Strip Lighting

Installation Tips and Operating Instructions

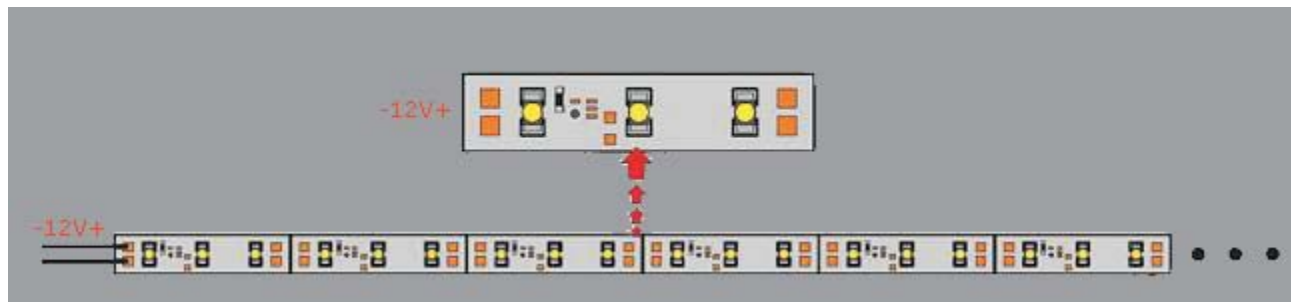
Congratulations on your purchase of LED Flexible Ribbon Strip Lighting!

LED Ribbon Tape is a very versatile lighting product that can be customized for your particular application. LED Ribbon Strips are excellent for under cabinets, under dash boards/seats, in trunk or engine compartments, glass edge or back lighting, shadow box lighting, shelf or cabinet lighting. Use the waterproof version under cars, around your bar, boat, limo and more. The possibilities are endless!



The Flexible Ribbon strip runs off **12 volts DC** (Direct Current) only. 24vDC is custom ordered. Observe polarity of Positive (+) and Negative (-) when connecting the power source. If the unit does not light, reverse the polarity and try again. You will not damage the LED Flexible Ribbon strip with connecting the 12vDC power source reversed; it simply will not light.

Cutting your LED Flexible Ribbon Strip is simple. Using a pair of sharp scissors cut the strips at the cut lines (about every three LEDs). Be careful to cut exactly along the marking; leaving both of the solder dots on each remaining half intact.



You will need to solder leads to the remaining piece(s) to power them with your 12vDC supply. Using a low wattage soldering iron and electronic grade solder, attach you leads with solder to the Positive(+) and Negative(-) copper solder dots on your next piece. If you so desire, you may use a short section (1-2 inches) of ½" heat shrink tube over the solder dots and the ends of your leads. We have found that this reinforces and secures the soldered leads and LED Flexible Ribbon connection. Shrink the heat shrink mostly around your lead ends. Over-heating will bend the end of your LED tape and could ruin your connection.

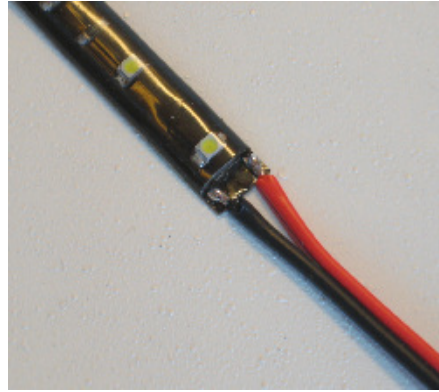
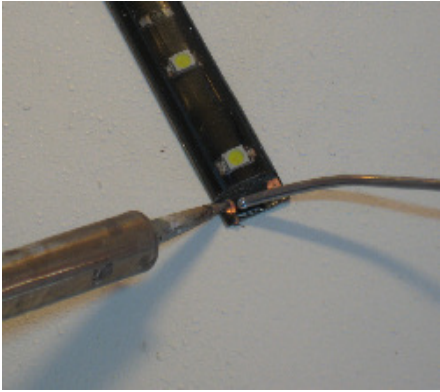
Multiple strips and/or colors can be connected together. Individually powered strips should always be connected in parallel (directly back to the 12vDC power source or main feed. Do not exceed six 5-Meter spools total length (30M).

Make sure the surface you adhere the 3M™ tape to is smooth, clean and dry. Remove tape backing and apply your LED Ribbon tape to the surface pressing along the entire surface. Connect to a 12vDC power source and/or switch and enjoy!

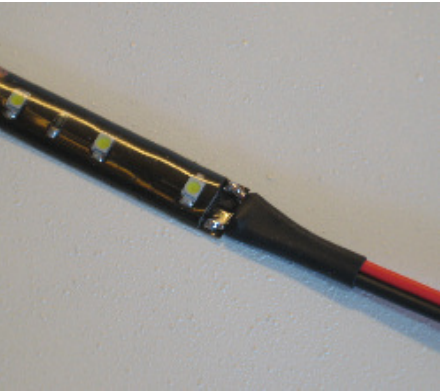


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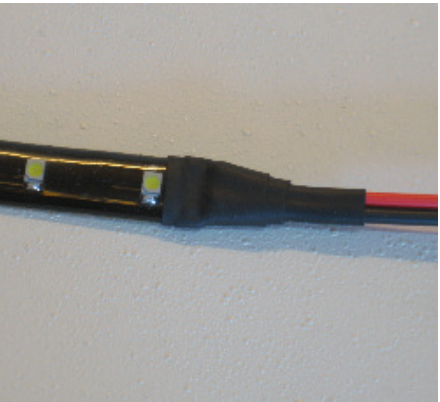


You will need to solder leads to the piece(s) to power them with your 12vDC supply. Using a low wattage soldering iron and electronic grade solder, attach your leads with solder to the Positive (+) and Negative (-) copper solder dots on your next piece.



We recommend using a 1 inch section of ¼" heat shrink tube over the ends of your leads. A second section of ½" heat shrink should then be applied over the remaining exposed leads/connection; finishing the waterproofing process. We have found that this reinforces and secures the soldered leads and LED Flexible Ribbon connection.

Shrink the heat shrink mostly around your lead ends. Over-heating will bend the end of your LED tape and could ruin your connection.



Multiple strips and/or colors can be connected together. Individually powered strips should always be connected in parallel (directly back to the 12vDC power source or main feed. Do not exceed six 5-Meter spools total length (30M – Single/Static color).

Make sure the surface you apply the 3M™ tape to is smooth, clean and dry. Remove tape backing and apply your LED Ribbon tape to the surface pressing along the entire surface. Connect to a 12vDC power source and/or switch and enjoy!

Creative Lighting Solutions offers low voltage and solderless connectors, Lever Lock terminal blocks, bulk wire, remote controllers and dimmers to make your installation a cinch! Visit us at <http://www.CreativeLightings.com> for more information or to place an order today!