



INSTALLATION INSTRUCTIONS

MS 0107-13 | 04.13.20

EZ-Track[®]

(A Zip-On[®] product)

⚠ WARNING:
Cancer and Reproductive Harm | www.P65Warnings.ca.gov

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ABOUT ZIPPERTUBING®

Since 1957, Zippertubing® has been solving every type of cable bundling, heat-shielding, EMI-shielding, specialized heat shrink and marine fairing component challenge. From under the sea to outer space, we have prototyped, manufactured, and shipped custom-engineered solutions for every type of industry. We specialize in creating unique custom solutions in-house from beginning to end, so you feel confident you will receive the perfect product every time.

No matter the size, shape, standards, or specifications, Zippertubing® will abide by any requirements to create a custom solution. If the project has material restrictions or weight limitations, we will create a solution to fit your unique application needs, rather than make your application fit the product. We will draw up, prototype, and refine to ensure the solution is exceeding your expectations.



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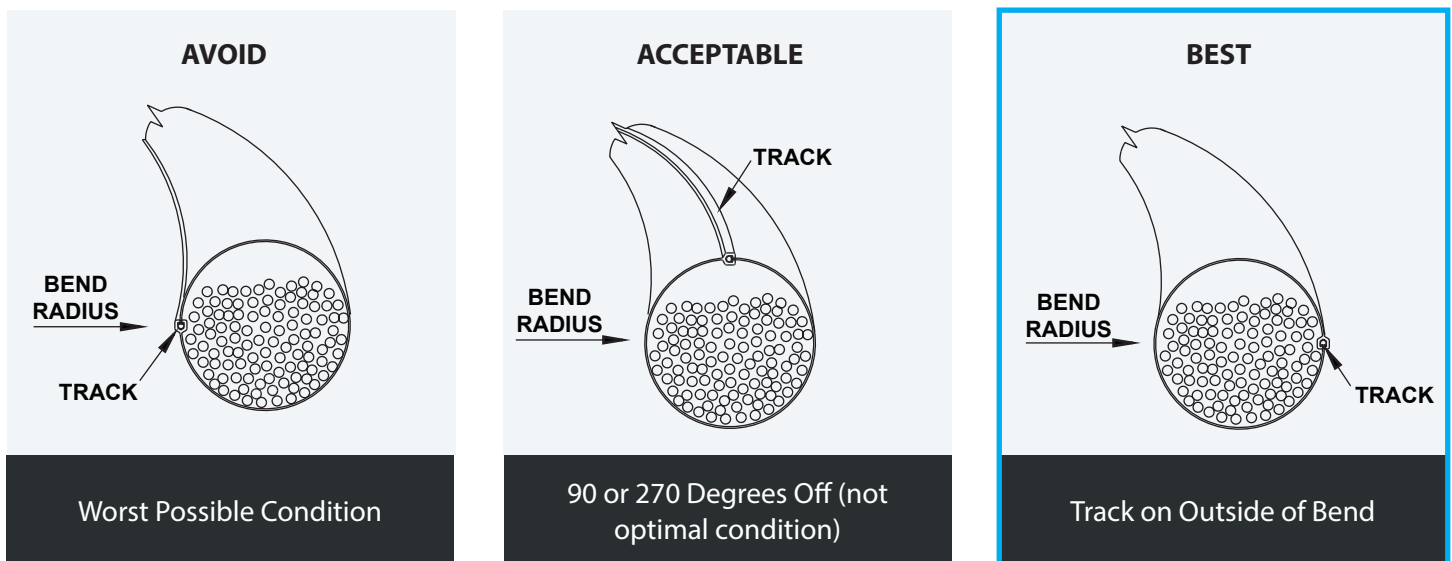
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INTRODUCTION

EZ-Track® was engineered and manufactured for light to medium duty applications. This product is ideal for your server room, shop, office or many other types of applications where protection, bundling, organization and safety are a necessity. Because it is manufactured from a flexible PVC or TPU compound there are no sharp edges to damage wires during the cable assembly process. The patented external closure system allows for much higher cable fill rates and easier accessibility for re-entry.

With its arrowhead-and-channel interlock-design closure, the EZ-Track® is as easy to install as its name implies. Whether you've chosen the single extrusion of EZ-Track® or a larger diameter by adding an additional jacket, the EZ-Track® will help your wires or cables stay better protected and organized. The wrap around feature allows for modular cable design, reducing the total installed cost, and the EZ-Track® closure method insures that cables are not exposed to contaminants, reducing total operating costs.

TRACK CLOSURE VS BEND LOCATION



Installation Notes

1. Always size the Zippertubing® jacket at least 1/8 inch larger than the maximum cable diameter. If severe cable bending is anticipated, increasing jacket diameter beyond the 1/8 inch requirement is recommended.
2. Always install Zippertubing® jackets so that the track faces the outside of the bend radius. Failure to position the jacket in this manner may result in the track "popping open" due to track distortion.
3. If the design does not call for re-opening the jacket periodically, and you are using PVC, it may be desirable to seal the track closed using ZT-Tape® (see "SEALING EXTRUDED TRACKS" on page 11).
4. The most common causes of tracks "popping open" are:
 - Improperly closed track
 - Incorrectly sized jacket, less than 1/8 inch oversize
 - Track located other than on the outside of the bend radius

INSTALLATION TOOLS

The **SL-EZ** tool is an inexpensive plastic slider tool designed for closing Zippertubing® EZ-Track® products. It is primarily intended for use in low volume production line applications or field installations. The tool engages the external ears of the EZ-Track® extrusion and snaps the interlock together as it is slid along the cable run. This tool makes closing EZ-Track® fast and easy while minimizing operator fatigue. The tool is used after squeezing the two track halves together manually with your fingers at the jacket end. The tool is then slid along this short section of pre-closed track. As the tool is slid along the cable run, it will pre-form the jacket around the cable and form a closed continuous tube.



The **ZTEZ-SP** tool is a stainless steel plier tool designed for closing Zippertubing® EZ-Track® products. It has two roller wheels which engage under the external ears of the EZ-Track® extrusion. Squeezing the handles drives the interlock mechanism together, as the operator pulls the tool along the cable the EZ-Track® jacket forms around the cable harness and is snapped together to form a continuous tube. This tool makes closing EZ-Track® fast and easy while minimizing operator fatigue. The ZTEZ-SP tool is primarily intended for use in high volume production line installations where hundreds or thousands of feet require closing.

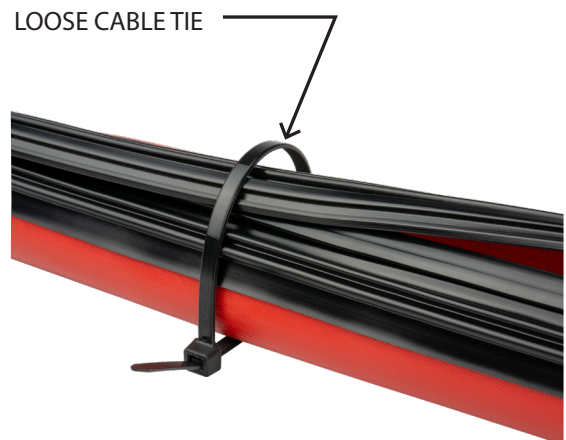


INSTALLATION

General Installation Notes

The length of your installation can affect the way you close the EZ-Track®. If you have a longer run then you may either need an assistant to work in front of you a couple of feet or use a loose cable tie to wrap around the EZ-Track® or while you're sliding the tool.

Friction: While using the SL-EZ slider tool you may experience some unwanted friction. If this is the case simply use a few drops of isopropyl alcohol along the track surface.



Plier Tool: If you have an application that requires more than 50 feet you may want to upgrade to Zippertubing's ZTEZ-SP plier. The ZTEZ-SP plier tool is a stainless steel plier designed specifically for Zippertubing's EZ-Track®.



CAUTION

Do not use oils or silicone based lubricants that will remain on the jacket/track surface since these materials may reduce the mechanical closure strength and contaminate the finished assembly.

Closing EZ-Track® using the SL-EZ Slider Tool

STEP
01

Wrap the end of the EZ-Track® around the cable that you are covering. Using your thumb and index fingers, push the arrow into the mating channel cavity together about 1" down the track.



STEP
02

Slide the SL-EZ slider tool over the two external ridges of the area you've closed. Work the SL-EZ slider tool approximately 1" down the EZ-Track®.



STEP
03

Grab the closed end of the EZ-Track® and begin to slide the tool along the cable length. Once you've closed 6-8" of the EZ-Track®, you can grab the entire track and have more leverage to pull the SL-EZ slider tool to continue your installation.



Note: Some Zippertubing® products (including TPU) may experience roll memory or curling when removed from their spool and readied for install. This is normal for flexible polymer extruded tracks and jacketing, especially if they are kept in storage for an extended amount of time. If the material curl is making the installation difficult, gently apply heat (with a hair dryer or heat gun) to soften the material and allow for more flexibility and easier handling.

Closing EZ-Track® using the ZTEZ-SP Plier Tool

STEP
01

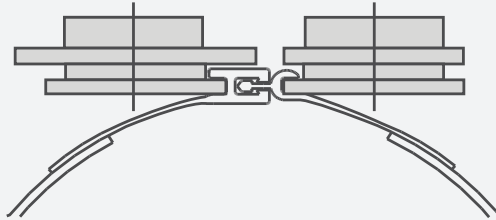
Wrap the end of the EZ-Track® around the cable that you are covering. Using your thumb and index fingers, push the arrow into the mating channel cavity together about 1" down the track.



STEP 02

Allow the handles of the “ZTEZ-SP” tool to open and align the two roller wheels over the two external closure ridges. Squeeze the tool handles closed to engage the roller wheels with the ridges.

The larger roller wheel should be positioned over the channel cavity.



STEP 03

Grasp the closed end of the EZ-Track® interlock using your thumb and index finger, then begin pulling the “ZTEZ-SP” tool along the cable length. Once 6-8 inches (10-20 cm) of track have been closed you can grasp the entire cable assembly with your hand as you pull the tool along.



SEALING EXTRUDED TRACKS

All Zippertubing® products that utilize extruded closure tracks (except type FEP & TPU) can be permanently sealed after closure using the following method. Under normal circumstances a properly closed Zippertubing® track does not require post closure sealing. However, in some applications where an environmental or tamper proof seal is desired or extreme abuse is anticipated, the post sealing process can ensure that the track does not re-open inadvertently.



ZT-Tape®

This method involves placing a 1-inch wide strip of Zippertubing's ZT-Tape® down the center of the inter-locking track split line after the track has been closed. The ZT-Tape® is a UL-510 recognized, fire-retardant, polyurethane film tape with an acrylic adhesive backing. The adhesive is compatible with both PVC and PFR track materials and is easily applied.



CAUTION: The ZT-Tape® is highly elastic and must be applied to the track in a relaxed condition. Stretching the tape during installation can result in disbonding of the film from the adhesive if the assembly is stored or shipped in a coiled or tightly bent condition.

RE-ENTRY PROCEDURE

Opening a Fully Closed Jacket

If re-entry is required after the entire EZ-Track® jacket has been fully closed then the re-opening process should begin at the end of the tubing. Follow the steps shown below to separate the tracks arrow head and channel to gain access.

STEP

01

For this step we will be using a ¼" wide flat head screwdriver to open the EZ-Track® interlock mechanism. **Upon re-entry be careful not to damage the interlock mechanism or the components within the assembly.**



STEP

02

Insert your flat head screw driver 3/8" to ½" back from the end of the EZ-Track®. Next, rotate your screwdriver to a vertical position and push the arrowhead from the channel.



STEP

03

Once the two halves of the EZ-Track® have been separated, remove the screwdriver and continue to separate the two halves using your thumbs and index fingers.




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