“R, S & M” SLIDER TOOL INSTRUCTIONS

(ZT07-98-001)

The SLR, SLS and SLM slider tools are all of similar design and vary mainly in there physical size and the metal alloy the tools are made from. The slider tools are designed for closing the Zippertubing R-Track, S-Track and M-Track closure mechanisms. For purposes of visual clarity the following closing procedure will use the large “M-Track” closure as a typical example of the closing procedure. All three track mechanisms close in a similar fashion. Due to the large size of the M-Track extrusion the SLM tool utilizes a two finger pull mechanism while the SLR and SLS tools use single finger ring.

The M-Track closure mechanism is intended for applications where the overall cable bundle diameter is large or where assemblies will see a large amount of torsional twist during service. The M-Track closure is quite stiff due to it’s large cross sectional shape and will provide closed hoop strength values of approximately 50 pounds per linear inch. Because M-Track is stiff, it cannot be snapped together using thumb pressure like the smaller R-Track and S-Track closures.

The SLR, SLS and SLM are all wedge design tools that simplify closure by driving the two halves of the track extrusions together as it is pulled along the length of the cable. The tool closure heads have no moving parts and are quite simple to use. Use the “SLM” tool installation sequence described below to properly close any Zippertubing product that utilizes the R, S or M track closure mechanisms.

Step 1. Examine the tool. Note that the large end resembles the letter “S”. The large end is where you will insert the two halves of the track. The opposite end of the tool has a small slot opening and is the end of the wedge where the closed track will exit the tool. (Photo 1)

Photo 1. “SLM” slider tool for closing M-Track

Step 2. Wrap the Zippertubing jacket around the cable. Hold the tool with the large end facing the track ends to be closed. Insert the track half with the grooves that are facing up into the bottom cavity of the tool and the half with the grooves facing down into the top cavity. (Photo 2)

Note: The slider will go on one end of the jacket only. If the slider will not accept the track as described, start closing the jacket at the opposite end.

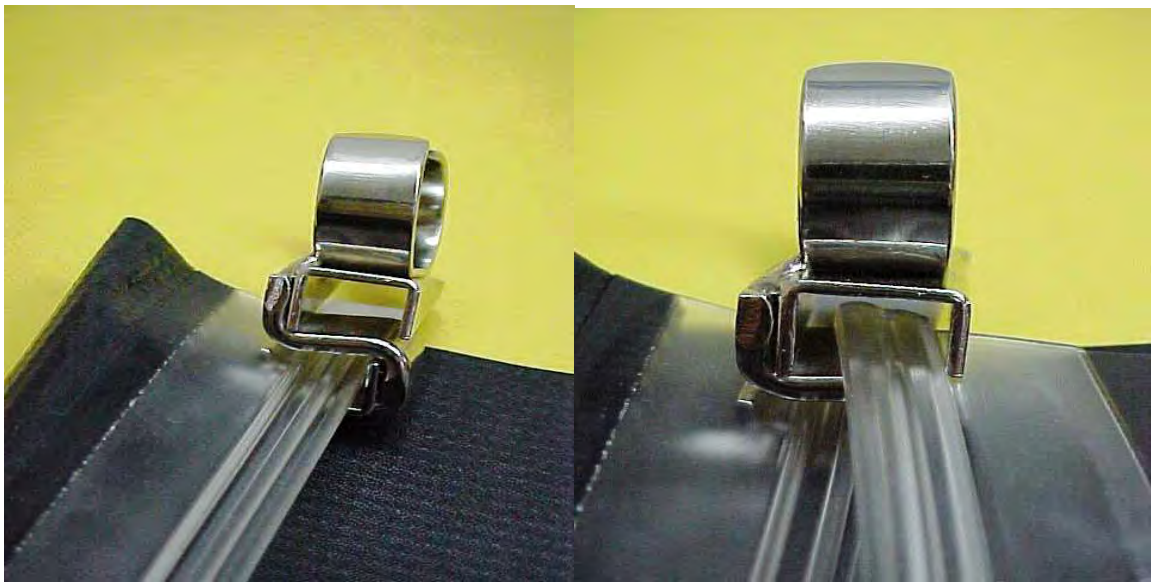

Photo 2. Track insertion into tool

Step 3. Push the two track halves into the wedge area of the tool. Insure that the legs of the two track halves align correctly and inter-lock together. (Photo 3)

Photo 3. Correctly aligned and inter-locked track halves

Step 4. Once the ends are aligned and even, push both track halves while pulling the tool so that approximately one inch of mated track extends beyond the end of the tool. Grasp the protruding mated track with thumb and index finger and hold while continuing to pull the tool. (Photo 4)

Photo 4. Closing the track

Step 5. Continue pulling the tool along the cable length until all the track has been joined together. You may find on long assembly lengths, that periodically lubricating the tool and track surface with a small amount of Isopropyl Alcohol (IPA) will ease the closure process. Do not use oil or silicone based lubricants that will remain on the jacket/track surface since these may reduce the mechanical closure strength and contaminate the finished assembly.