

# Tape Style Temporary Inductive Loop

## ***Easy to Install - Preformed - Field Proven***

The Lead-In Systems temporary tape style loops are designed for easy installation where the requirement for a short-term inductive loop exists. As temporary replacements for the defective permanent loop on an intersection controller, for signal control at construction sites, or for occasional speed and count monitoring stations, our loop offers a cost and time effective alternative. Self adhesive rubberized asphalt backing combined with a hard-wearing surface ensures durability and secure bonding to the pavement with minimal surface preparation. One person, minimizing disruption of normal traffic, can install the temporary loop in minutes.



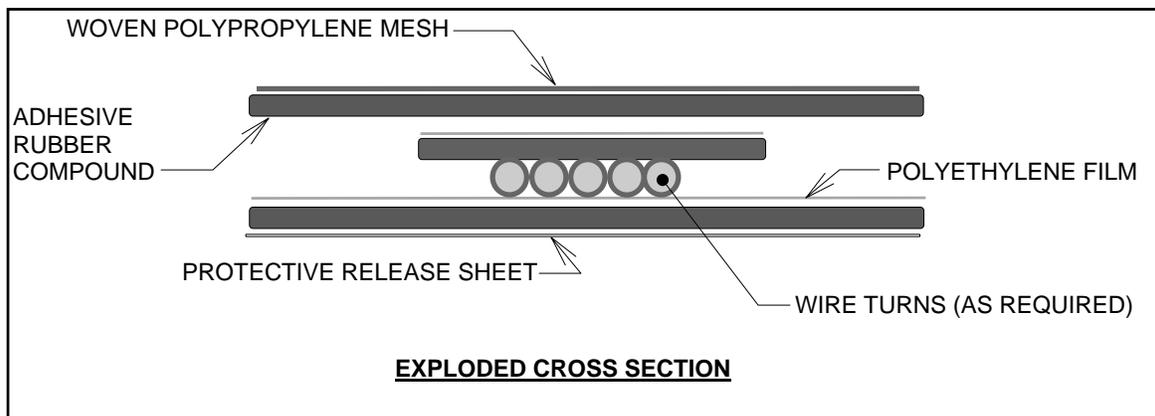
Wire Sizes Type UL3173 / XHHW-2, 600V 125c (22,18 or 14 Gauge) Stranded or approved equal

*Note: Wire gauge specified by the customer*

Loop Sizes: 2' X 6' to 6' x 30' Protected leads to 80'

Lead-In: 26' total with 6' protected for installation on the pavement. All Non-Spliced\*\*

Thickness: 0.187" on center line tapering to 0.0625" at the edges (18Ga.)



### **Description:**

A cross section of the Temporary Tape loop displays five components. On the bottom is a 4" wide paper protective release sheet to ease storage, packing and installation. This will be discarded directly prior to the installation. Immediately on top of this, and in contact with the pavement when the loop is installed, is a 4-inch wide strip of adhesive bituminous rubber compound coupled with a high-density polyethylene film. This padding strip is the foundation for the XLP insulated 4 or 5 turn 22,18 or 14-gauge loop. On top of this foundation and loop wires assembly is placed a 2" padding strip. The top component is a 4" wide sheet of the same adhesive compound with an overlay of woven poly mesh for reinforcement.

## Installation Instructions For The T-LS Series Loop

1. The area for installation should be clean, dry and free from any loose dirt or gravel. Try to avoid placing the loop in areas on the pavement that are broken or cracked. This condition may shorten the life of the loop significantly.
2. Unfold the loop, positioning it topside down. Remove the release sheet from the loop only leaving the film on the protected portion of the lead.
3. Turn the loop over and place in position. Tread on the entire upper surface of the loop to ensure a complete bond.
4. Next, remove the release sheet from the protected lead and place in position and secure as before. If the lead is extremely long, this process may be done in sections, starting at the loop and working to the side of the road.

**Special Note: When temperatures are 40° F and below, the surface should be heated to dissipate any moisture that may be present and bring the surface to the required bonding temperature of 40°F & above**



Examples of Part #'s, Model #'s & Sizes		
Part Number	Model	Size
T-LS8-6/2018	LS8	2.0' X 6.0'
T-LS8.5-6/2018	LS8.5	2.5' X 6.0'
T-LS9-6/2018	LS9	3.0' X 6.0'
T-LS9.5-6/2018	LS9.5	3.5' X 6.0'
T-LS10-6/2018	LS10	4.0' X 6.0'
T-LS12-6/2018	LS12	6.0' X 6.0'

### *Additional Information:*

\*\*Sizes, Lead Lengths and Configurations other than listed in the matrix are available upon request. Please call for quote.

\*\*Other wire insulation grades, gauges and lamination schedules are available. Please call for information

\*\*All temporary tape loops are constructed with six feet of protected lead and 20' of unprotected non-spliced twisted pair unless otherwise specified.