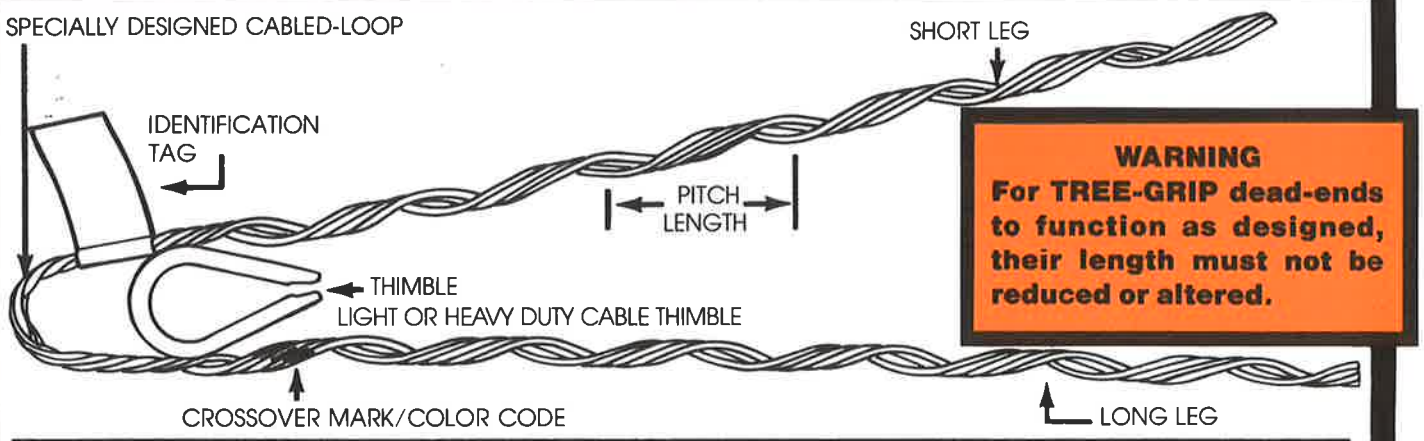
APPLICATION PROCEDURE & SAFETY CONSIDERATIONS
PREFORMED LINE PRODUCTS
TREE-GRIP DEAD-ENDS

EXTRA PRECAUTIONS SHOULD BE TAKEN WHEN IT IS ANTICIPATED THAT LARGER TREES OR HEAVY LIMBS WILL BE SUBJECT TO DYNAMIC ACTIVITY DUE TO HIGHER THAN NORMAL WIND LOADINGS. CONTACT THE FACTORY FOR RECOMMENDATIONS.



WARNING
For TREE-GRIP dead-ends to function as designed, their length must not be reduced or altered.

Be sure to completely read and understand this procedure before applying product.

TREE-GRIP dead-ends (Cat. Nos. TG-1250, TG-1251, TG-1252 and TG-1253) should be applied to extra high strength (EHS) left hand lay (LHL) galvanized steel strand sizes 3/16, 1/4, 5/16 and 3/8 inch respectively.

When installing "cabling" between two boughs or branches using TREE-GRIP dead-ends, follow normal installation procedures.

1) Match the correct (EHS) strand size needed for the job with the corresponding TREE-GRIP dead-end making sure the strand is left hand lay. Then tape the area of the strand to be cut. This will prevent the individual wires from separating after the cable cutter cuts the strand.

The PREFORMED Safety Guy Wire Dispenser, Catalog No. SGD-0700, is a perfect accessory when carrying and working with extra high strength strand.

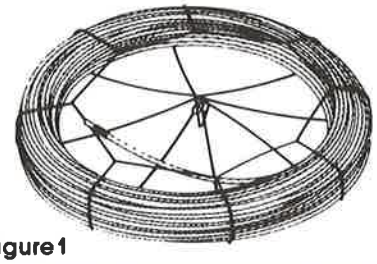


Figure 1

2) Lay the taped end of the cable in the TREE-GRIP dead-end's short leg, slightly above the cross-over mark.

Figure 2

3) Once the cable has been positioned correctly, continue to wrap the short leg of the TREE-GRIP dead-end around EHS strand within two wraps (pitch lengths) of completion. (Figure 3) During the wrapping procedure be sure to pull the legs away from strand. This will facilitate the ease of application.

Figure 3

4) Insert the correct thimble size in the TREE-GRIP dead-end's cabled-loop and cross the longer leg with the already completed short leg at the cross-over mark. The thimble is now secured and cannot fall.

Figure 4

5) Now continue wrapping the long leg around the strand within two pitch lengths of completion. (Figure 5)

Figure 5

Note – To facilitate the ease of application of the last two pitch lengths of both short and long leg of the TREE-GRIP dead-ends, split each leg into two groups (subsets) and wrap each subset individually to completion. (Figure 6)

Figure 6

BE SURE ALL LEG ENDS ARE SNAPPED PROPERLY ON THE STRAND. IF NOT THE RODS MAY UNWIND FROM THE STRAND.

6) Completed Application – If less tension is ever desired after the initial installation, follow this procedure: Unwrap both legs of the TREE-GRIP dead-end within 2 pitch lengths of the cross-over mark and allow the strand to slowly slide through the legs until the desired tension is achieved. Then simply wrap both legs back on strand to completion.

Litho U.S.A.

INSTALLATION GUIDELINES

1. TREE-GRIP dead-ends are precision devices. To insure correct assembly, they should be handled carefully. To prevent distortion and damage, they should be installed as illustrated.

2. TREE-GRIP dead-ends should be stored in cartons under cover – preferably shelf storage – until used.

3. TREE-GRIP dead-ends may be removed and reapplied three times, if necessary, on new construction, for the purpose of adjusting cabling installation.

4. TREE-GRIP dead-ends should not be reused after original installation.

5. TREE-GRIP dead-ends should be used only on the size strand for which they are designed. (See table below)

6. TREE-GRIP dead-ends should not be used as tools; that is, come-alongs, pulling-in grips, etc.

7. TREE-GRIP dead-ends should be applied only to the thimble size designated. See table below. (They are not to be applied over drive hooks, eye bolts, eye nuts, etc. without a thimble.)

8. TREE-GRIP dead-ends should be used on hardware that is held in a fixed position; the fitting should not be allowed to rotate or spin.

9. TREE-GRIP dead-ends should be used with compatible strand and fittings.

10. Lay direction of both the TREE-GRIP dead-ends and the strand should be left hand lay.

11. TREE-GRIP dead-ends should not be used as false dead-ends.

12. If in doubt about fittings or application, contact your factory representative for an engineering recommendation.

TREE-GRIP DEAD-END CATALOG NUMBER	*THIMBLE SIZE	EXTRA HIGH STRENGTH STRAND (EHS)
TG-1250	3/16″	3/16″
TG-1251	1/4″	1/4″
TG-1252	5/16″	5/16″
TG-1253	3/8″	3/8″

*Light or heavy duty cable thimbles may be used.

SAFETY CONSIDERATIONS

1. This application procedure is not intended to supersede any company construction or safety standards. This procedure is offered only to illustrate safe application for the individual. Failure to follow these procedures and restrictions may result in personal injury.

2. When working in the area of energized lines, extra care should be taken to prevent accidental electrical contact.

3. For proper performance and personal safety be sure to select the proper size TREE-GRIP dead-end before application.

PREFORMED LINE PRODUCTS
P. O. Box 91129 • CLEVELAND, Ohio 44101