



**PREFORMED** LINE PRODUCTS  
The connection you can count on.

Easy, Attractive & Economical  
Tree Cabling Installation  
**TREE-GRIP™ DEAD-END**



 COMMUNICATIONS

 ENERGY

 NON-UTILITY

 DATA COMMUNICATIONS

# TREE-GRIP™ Dead-ends - For use on extra high strength galvanized steel strand



## Description

TREE-GRIP Dead-ends are designed to eliminate the costly labor and time consuming hassle of cable splicing. The factory-formed left hand lay helical legs of the TREE-GRIP Dead-ends wrap quickly around left hand lay extra-high strength (EHS) galvanized strands, eliminating the process of splicing common grade galvanized strand.

The end result is a labor saving application accomplishable in under 60 seconds.

## Features

- Using lower cost, extra high strength galvanized strand (left hand lay) with the TREE-GRIP Dead-end is designed to offer strength comparability with larger sizes of common grade galvanized steel strand. This reduces strand expenditure and inventory. Refer to table below for strength comparisons.

- The TREE-GRIP Dead-end has a unique "THIMBLE-LOOP Design", created specifically for the Arborist industry. This design prevents the end thimble from falling out during installation.
- The TREE-GRIP Dead-end is prefabricated to maintain a consistent aesthetic appearance with every installation.
- Preformed Line Products developed the helical concept for gripping strand that is a key component of the TREE-GRIP. The TREE-GRIP Dead-end's helical legs inside diameter is approximately 20% smaller than the outside diameter of the strands used. This holds the strand snugly and securely, providing a constant radial gripping force so that the published rated breaking strength (RBS) of the strand can be achieved.



Extra High Strength Strand (EHS)		Common Grade Strand	
Size	Published Rated Breaking Strength (RBS)	Size	Published Rated Breaking Strength (RBS)
3/16"	3,990 lbs	3/16"	1,115 lbs
		1/4"	1,900 lbs
		5/16"	3,200 lbs
1/4"	6,650 lbs	3/8"	4,250 lbs
		7/16"	5,200 lbs
5/16"	11,200 lbs	1/2"	7,400 lbs
		9/16"	9,600 lbs
3/8"	15,400 lbs	5/8"	11,600 lbs

TREE-GRIP Catalog Number	Strand Size	EHS RBS
TG-1250	3/16"	3,990 lbs
TG-1251	1/4"	6,650 lbs
TG-1252	5/16"	11,200 lbs
TG-1253	3/8"	15,400 lbs

Millions of Preformed Line Products Dead-ends are used by various industries and government agencies throughout the world. Lab-tested, field tested and performance proven Preformed products consistently maintain a standard of excellence unmatched in the industry.

Contact a PLP representative or distributor in your area for more detailed information.



**Note:** TREE-GRIP Dead-ends are designed to develop 100% of the published rated breaking strength of EHS strand. TREE-GRIP Dead-ends can also be used on common grade, Siemens-Martin, high strength and utilities grade strands.



World Headquarters  
660 Beta Drive  
Cleveland, Ohio 44143

Mailing Address:  
P.O. Box 91129  
Cleveland, Ohio 44101

Telephone: 440.461.5200  
Fax: 440.442.8816  
Web Site: [www.preformed.com](http://www.preformed.com)  
E-mail: [inquiries@preformed.com](mailto:inquiries@preformed.com)

© 2006 Preformed Line Products  
Printed in U.S.A.  
NU-SS-1023  
12.06.2M