Call with questions today (256) 248-2403 or visit us online www.centaurhtp.com to find an authorized Centaur distributor near you.



SINGLE STRAND WIRE & 1" RAIL PRODUCTS

(1) Determine Fence Location

(2) Termination Installation

(3) Corner Installation

HIGHLIGHTED INSIDE:

(4) Unroll Bottom Strand of Fence

(5) Attach Fence to Termination Post

(6) Install Line Posts & Attach Bottom

FOR

ELECTRIC & NON-ELECTRIC

INSTALLATION GUIDE

- L -

(1) DETERMINE FENCE LOCATION:

utility company before digging. determine your fence line. Make sure to call Mark the location of the corners and gates to

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:snoitenimistions: points for the fencing. We recommend two types must be installed. Terminations serve as anchor-After determining fence location, terminations

Diagonal Brace

Horizontal/Diagonal Brace

2a. DIAGONAL BRACE INSTALLATION

brace installation. level. The below diagram shows a proper diagonal concrete. Try to leave concrete 6-in. below ground he installed a minimum of 3-ft. deep and set in can be used for the upright post. The post should An 8-ft. long post with a minimum 7-in. diameter





24" is recommended in unstable soil



.wolad nworks margain wollow. Follow.

For a stronger end or gate post, use a horizontal/

2D. HORIZONTEL/DIAGONAL BRACE INSTALLATION

- 7 -

 24" bell diameter is recommended in unstable soil. 2. Lean post 1/2" - 1" away from direction of pull. The depth of concrete may vary to frost lines in your area, consult local codes for details

16" diameter in Uai 4. It is recommended to auger a 16" diameter hole, 3 teet deep with a bell in the northern states and a 4 feet,

2C. ATTACHING DIAGONAL BRACE

the diagonal braces. Use a diagonal brace plate (illustrated below) to attach



ACCESSORIES CHECKLIST

Hot-Site[®](electric):

END-sulator Kit Use at every termination & gate In-Line Tensioner Use at termination/in-line **15 Gauge Wire Links** Use (2) per splice Safety Sleeve (to cover T-post) Space every 8, 10, or 12 ft. OR **Bracket Insulator**

- 8 -

SORNER INSTALLATION:

diagram below. The diagram is a top view of the post layout. When planning a 90° corner, reinforce upright as shown in the





offset corner posts and run wire on outside of corner posts. the posts. Note: When running wire on inside of posts, Diagram 3B shows the single strand running on the inside of strand wire running on the outside of the line posts. Diagram 3A below points out the corner post and the single



OF FENCE Ф ОИВОLL ВОТТОМ STRAND

slowly along the fence line. wire or placing the spinning jenny on a vehicle and drive unroll the single strand wire by walking and holding the Place the roll of material securely on a spinning jenny and

NOTE: Secure loose end of material if driving to unroll.



Use for metal T-post 12.5 Gauge Wire Links

Use (1) per splice Safety Sleeve (to cover T-post)

Use to connect rail to wood post

Polystrand[®] HTP[®] (non-electric):

Use at termination/in-line

Space every 8, 10, or 12 ft.

Safety Sleeve Clips

In-Line Tensioner

T-Post Insulator

Use (1) per attachment

Staples

Use to attach wire to wood post

White Lightning[®] (electric):



END-sulator Kit

Use at every termination & gate

In-Line Tensioner

Use at termination/in-line

12.5 Gauge Wire Links

Use (1) per splice

Safety Sleeve Clips

Use (1) per attachment

Wood Post Insulator

Use to connect wire to wood post

T-Post Insulator

Use for metal T-post

Safety Sleeve (to cover T-post)

Space every 8, 10, or 12 ft.

2802 E. Avalon Ave. Muscle Shoals, AL 35661 Phone (256) 248-2403 or (800) 348-7787 Fax (256) 248-2418



Always wear eye protection and gloves when installing any fencing products.

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Line Post

Strand

(8) Splicing Strands Together

(9) Make Required Electrical Connections

(7) Unroll Remaining Strands & Attach to



HTP' FENCING SYSTEMS The Horse Friendly Fence®

www.centaurhtp.com



⑤ ATTACH FENCE TO TERMINATION POST:

5a. To Attach Hot-Site:

 Using the Fencer's Lasso[®], thread the white insulator through the pre-formed loop to form a large loop and slide large loop over the post and position at desired height.



2. Next, staple the Fencer's Lasso[®] at the desired height, using two staples as shown in the illustration below.



3. Strip approximately 2" of the polymer from the coated rail exposing both wires. Thread the wires through the hole in the tensioner spool and make one complete wrap around the spool in the same direction. Wind the wire a few turns around the spool using the tensioner handle.



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5b. To Attach White Lightning:

- 1. Repeat Step 1 above for installing the Fencer's Lasso.
- 2. Orient tensioner as shown below.



3. Strip approximately 2" - 4" of the polymer from the



Wrap the Polystrand[®] HTP[®] around the post as shown in 5A and staple it to hold in place. Then, wrap the strand back as shown in 5B and drive staples in half way, cut off excess wire and hammer staples in tight.

(6) INSTALL LINE POSTS & ATTACH BOTTOM STRAND:

- 1. Once bottom strand is tightened and straight, install line posts using bottom strand as a guide. Use 8', 10', or 12' spacing when installing line posts. It is recommended to use a steel T-post with a Safety Sleeve cover or a 4" minimum diameter wood post.
- 2. Attach bottom strand to line posts. When using Safety Sleeves, the Safety Sleeve Clip works best to attach single strand (illustrated below).

NOTE: When attaching Polystrand[®] HTP[®], the strand can be attached directly to a wood post using a staple. **Do not drive staple in tight so that wire can move freely.**



- 7 -

⑦ UNROLL REMAINING STRANDS & ATTACH TO LINE POST:

- 1. When attaching Hot-Site[®] and White Lightning[®] to a post other than the Safety Sleeve, an insulator must be used if strand is electrified.
- 2. Unroll remaining strands, attach to corner posts, tighten and secure to line posts. It is better to install strand from the bottom up. Once one strand has been tensioned, it should be attached to the line post before the next strand is started to avoid getting wire twisted.
- 3. When installing the 1" Hot-Site[®], thread the rail through the slot in the Safety Sleeve as it is unrolled (illustrated below).



8 SPLICING STRANDS TOGETHER:

- 8

If it is necessary to splice strands together, follow the steps below to insure a reliable connection.

8a. Splicing Polystrand and White Lightning:

Strip 1" of polymer from the coated wire and insert bare wire into 12.5 gauge wire link. Repeat for other side. See below illustration.



8b. Splicing Hot-Site:

Strip 1" of polymer from the both wires. Leave 1- 3/4" of the center polymer strap for overlap. Insert the bare wire into 15 gauge wire link. Repeat on opposite end.

NOTE: Once wire is inserted into wire link it will not release.



(9) MAKE REQUIRED ELECTRICAL CONNECTIONS

 Use the Line-Tap Connector to connect strands to ground wire (illustrated below) for electrification. Underground cable should be used as an insulated wire to make connections. The Line-Tap Connector can also be used to connect wires when cross-fencing.



-9-

2. Bury the underground cable a minimum of 8"-12" under gates to carry power. See illustrations below.



NOTE: The ground rods must be driven 8-ft. deep into the soil in order to provide sufficient ground.

coated wire exposing the bare wire. Thread the wire through the hole in the tensioner spool and make one complete wrap around the spool in the same direction. Wind the wire a few turns around the spool using the tensioner handle.



5c. To Attach Polystrand HTP:

1. Polystrand[®] HTP[®] is a non-electric wire and can therefore be installed on one end with the END-Sulator Kit as illustrated in step 3 of 5b above and attaching the other end directly to a post as illustrated in the following images. **NOTE:** When using Safety Sleeves on hilly terrain, a #10 sheet metal screw (or similar) may be screwed into the bottom of the sleeve to prevent the sleeve from sliding up and down after installed.



The above illustrations are offered with the understanding that your charger supplier may offer instructions unique to their product. Though we show methods generally used for grounding the charger, wiring across gates, and protecting against lightning strikes; we defer to the charger supplier suggestions if different from those offered here.

- 3. If gate is in a high traffic area it is advisable to bury the underground cable in a suitable plastic pipe for optimum protection. The above image shows the underground cable signified by a dotted line.
- 3. Follow the manufactures installation of the energizer of your choice.

NOTE: All energizers should work with Centaur electrified products, but an intermittent, AC, low-impedance energizer is preferred.

