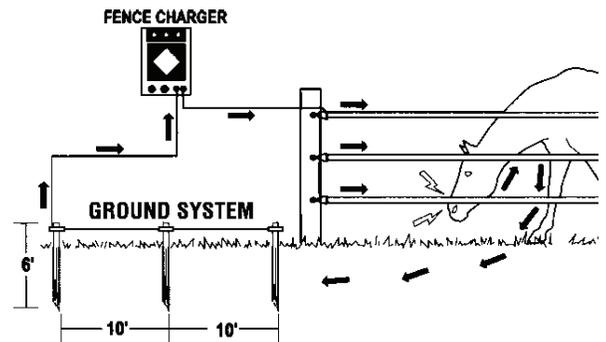


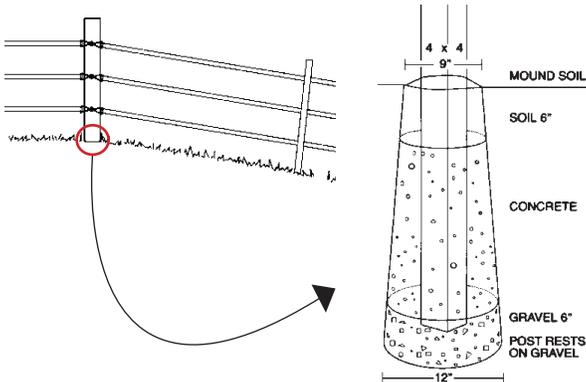
PRO-TEK ELECTRIC TAPE INSTALLATION & TIPS

STEP 1 INSTALL FENCE CHARGER & GROUND SYSTEM

- Locate fence charger close to beginning of fence and install under cover (install solar fence chargers outside facing south).
- Install three 5'-8' long ground rods spaced 10' apart (where animals cannot step on them).
- Using a ground rod clamp, attach insulated cable to the ground terminal on the fence charger.
- Attach insulated cable to the fence (hot) terminal on fence charger and run insulated cable to a cut-off switch on closest post.
- Turn on fence charger and check voltage with a fence tester (for more information see fence charger instructions).



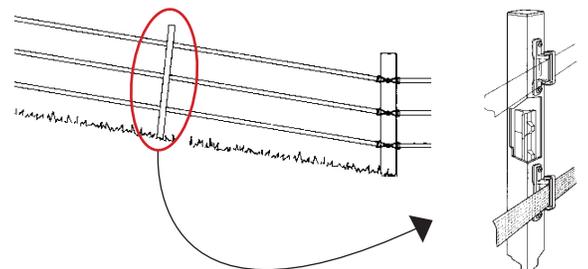
STEP 2 INSTALL END, CORNER & GATE POSTS



- We recommend using 4X4 square of 5"+ (diameter) round treated posts at ends, corners, gates and in low/high places. Also install in middle or spans exceeding 660'. For a very attractive fence, use Pro-Tek 4X4 vinyl sleeves over 4X4 posts.
- For best results, dig a 3' deep hole that is 9" wide at top and 12" wide at bottom. Put in 3" of gravel and center post in hole. Use level to straighten and add three more inches of gravel.
- Add concrete to within 6" of surface. Fill hole with soil and mound extra soil around bottom of post to keep water away from post. Allow concrete to set 24 hours before attaching Pro-Tek tensioners.

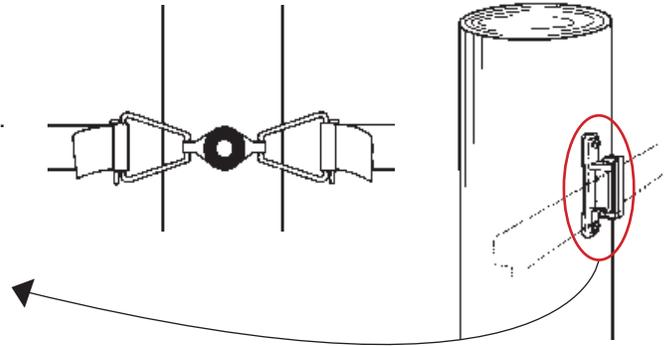
STEP 3 INSTALL LINE POSTS

- Line posts can be wood steel "T" posts, pipe, plastic, or our attractive Pro-Tek sleeves that fit over T-posts.
- Stretch string between corner posts approximately 12" high to install posts in a straight line. Recommended spacing is 8'-15' apart (in heavy snow regions, space no more than 12' apart).
- Install line posts perpendicular to the ground to keep the Pro-Tek Tape from binding or curling.

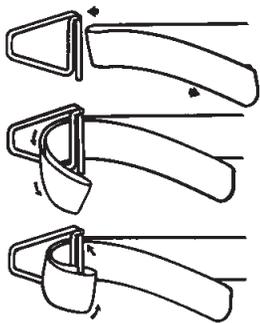


STEP 4 INSTALL PRO-TEK TENSIONERS & INSULATORS

- Determine Pro-Tek Tape spacing and mark corner posts and line posts from top of post down (Recommended spacing is 10"-13" apart)
- For four strands, install top strand at 50" and space 13" apart.
- Drill a 1/8" pilot hole in post for each tensioner and attach with lag screw.
- Attach R-16 wood post insulators with 1-1/2" stainless steel screws. For Pro-Tek sleeves, attach R16 insulators with 1/2" #8 stainless pan screws (DO NOT tighten screws - allow for expansion and contraction).

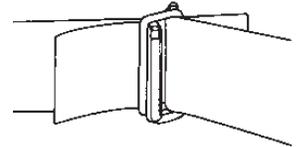


STEP 5 TAPE INSTALLATION



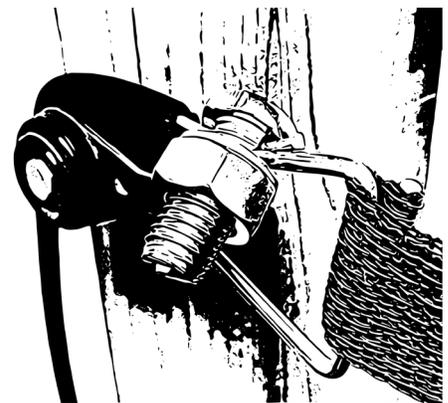
- Attach Pro-Tek Tape to top tensioner on first end/corner post. Run tape through insulators, but DO NOT close insulators.
- Attach to tensioner on second end/corner post and pull tape tight.
- Go back to first line post and pull tape tight with one hand while closing the insulator with the other hand (do not hammer insulators shut or install in temperatures below 45°F).
- Repeat procedure for each insulator and then tighten tape at second tensioner. (NOTE: DO NOT over stretch tape. Just hand tighten to eliminate sagging between fence posts.)

TIP: Use R24 Splicer buckles to connect tape at ends of spools.



STEP 6 POWER UP!

- Attach split bolt connector (SBOLT) to top tensioner and run insulated cable to cut-off switch or fence terminal on fence charger.
- Use split bolt connectors with burial cable to attach all tensioners together.
- Make sure all insulators are closed and ground rods are connected properly.
- Turn on fence charger and check voltage at end of fence.
- Walk the fence to look for arcing, broken insulators, loose tape vegetation touching fence, etc. (NOTE: Check voltage regularly. Use a low-impedance fence charger ONLY.)



VERY IMPORTANT

Power up each section of Pro-Tek as you build.

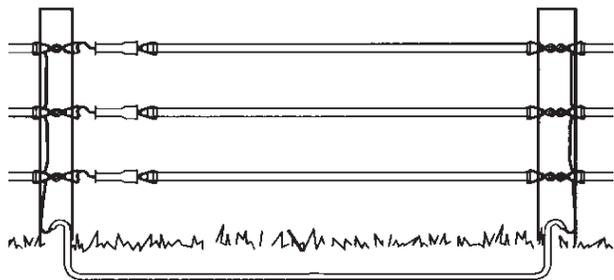
Never put horses behind a Pro-Tek that is not electrified.

In very dry areas, you may need a hot/ground fence where the second strand (from the top) is attached to the ground rods.

In areas with lots of vegetation, you may need to disconnect the bottom strand at times to keep grass from arcing to the tape. This allows livestock to graze grass away from the fence.

If applying herbicide, DO NOT spray on tape.

GATES - INSTALL LINE POSTS



- To run power across a gate, attach insulated cable to all “hot” tensioners with split bolt connectors and run through plastic pipe buried under the gate.
- Attach the same way on the other side of the gate.
- Pro-Tek Electric Tape makes an excellent gate when installed, because the gate is “dead” when open.

TIP: Locating gates in corners makes handling animals easier.