

FAST FENCE

TAPE AND STRAND ELECTRIC FENCE CONSTRUCTION FOR WILDLIFE

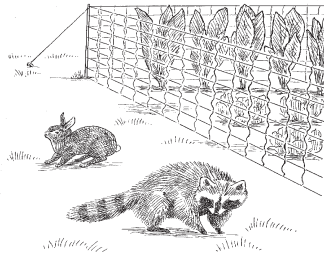


FENCE INSTALLATION

Read all instructions, helpful hints, etc., before beginning installation. Wear leather gloves when handling drilled fiberglass posts to avoid splinters.

Small Animal Control Fence

One or two lines of electrified tape or strand can be used effectively for small animal control (e.g., raccoons, woodchucks, etc.). However, do not expect to control rabbits very well with this type of fence (use one of the fine mesh *FAST FENCE* electric nets instead). All wildlife fences perform better if animals are trained by baiting the wires (see Helpful Hints).



For this style of fence, install M451 Short Posts (15" x 1/2") every 10 to 15 feet (or as necessary to follow the contour of the ground) so that the clip holes will be 4 to 6 inches above ground. For a more effective fence, install 30 inch posts (M030) with two or three strands of wire or tape.

Plan to install one wire about 5 inches above ground on Short Posts or with 30 inch posts at 4 to 6 and 10 to 12 inches above ground or at 4, 10, and 16 inches high. Install strand or tape as preferred using H500 Batten & Tape Clips for tapes or M513 Cotter Clips for strand. Attach and tension wire until neat (see "Springs & Tighteners" below). Proceed to "Energizer Connection" instructions next.

Large Animal And Deer Control Fence

While deer damage has been controlled temporarily with as few as one or two strands of electrified wire, long term success is rarely achieved with less than four, five, or six strands. The heavier the deer pressure, the larger the enclosure, and the further it is from human habitation, the higher the fence should be and the more strands there should be. Refer to the *FAST FENCE* and/or *MAX-FLEX* Fence brochures for more specifications on wire and post spacings.



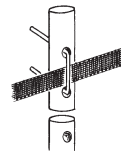
To erect large animal *FAST FENCE*, first drive a Superrod™ post at each corner, facing the holes toward the

corner. Use a drive cap to protect the post top from damage if a pipe type post driver is not available. Drive 6 or 7 foot posts about one or two feet deep with a few inches lean outward to counteract bending on corners when tape or wires are pulled tight.

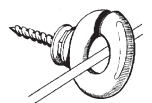
Next install intermediate posts between corners at 15' to 25' intervals depending on the number of posts available. Closer post spacings make more effective fences. Use a string line from corner to corner to give straight fence lines (Hot Tape is handy for this purpose).

Next fasten Hot Tape to the posts at 6 to 12 inch intervals from the ground up depending on the size of animals that are to be controlled and the amount of tape available. Closer spacings are more effective (deer fences may have 4 to 6 lines of tape 10" to 12" apart).

Install Hot Tape by tying an end at a corner post, running it along the fence line, and finishing each strand by tying at the end post. Attach tape to the line posts with H500 Batten & Tape Clips, bending the bottom leg up and the top leg down. Tape may be cut as necessary or spliced with *FAST FENCE* Buckles or knots.



When wooden corner or end posts are used, the SRI, split ring insulator, works very well for tape or strand. The black or white WOR and the *FAST FENCE* insulators can be used on 3/8 inch rod posts or nailed to wooden stakes or posts for use between corners in place of fiberglass posts.



Springs And Tighteners

Hot Tape Fences will be most effective when *FAST FENCE* Springs and Tighteners are installed and occasionally retensioned. Do not overtighten polywire or polytape products because the plastic can be stretched so much that the metal conductors may be broken. Tighten enough to shorten the spring coil about 1 inch for strand and 1 or 2 inches for tape. Springs may be mounted on a pinlock insulator at the end of the fence or tied into the middle. Use one for every section of fence up to 500 - 1000 feet long.



F580 **FAST FENCE™ TIGHTENER** – Twist on as shown for adding tension to FAST FENCE™ Strand and Tape or any lightweight electric fence wire. Use with FAST FENCE™ Springs to measure tension and to help keep wires tight.



F570 **FAST FENCE™ SPRING** – For use in temporary and portable fences of polywire, polytape, small steel wire and cable, and aluminum wire. Tighten (shorten coil) about 1" for polywire and 1" to 2" for other products. Hang springs on a strong pinlock insulator at end of fence or tie in middle of fence, 1per 500 - 1000'. Maximum load is about 65 pounds or 20 pounds per inch.

ENERGIZER CONNECTION

Energizers must be of the pulsing non-heat producing type. **Never use weed burners or similar units.** Such units can melt or burn the plastic twine or tape and/or start fires on and around electric fences.

Some energizers may be attached directly to the tape or strand at the top terminal. When a lead from the energizer with an alligator clip is used, be sure to connect it securely by wrapping a bit of tape or strand around one of the jaws of the alligator clips to make a good connection. When a wire lead is used without some type of clip, galvanized steel wire with high voltage insulation (N305 SL cable) is recommended. The tape or strand must be securely attached to the steel wire so that the small conductor wires in the tape and strand are kept firmly in contact with the lead wire. This may be done with wraps and knots, bolts with nuts and washers, or special clamps.

As with all electric fences, the energizer must be connected to a grounding stake (refer to energizer instructions). FAST FENCE Ground Rods are 48 x 1/2 inch galvanized rods that are installed two to three feet deep leaving enough out to grip for relocation.

Test the completed installation by holding the top of a long (10 to 15") blade of grass on one of the tape or strand wires while placing your other hand on the ground. A mild tingling sensation should be felt and get stronger as you shorten the length of grass by pushing it closer to the wire. If no shock is felt, then look for a poor fence connection, poor ground connection, or faulty energizer.

MAINTENANCE

To maintain adequate shock and hence fence performance, use a powerful energizer. If the energizer used is not capable of overcoming vegetation in contact

with the fence, the weeds and grass must be mowed or trimmed to avoid contact with the conductive wires.

HELPFUL HINTS

- 1) Wear leather gloves whenever handling fence posts or polywires to avoid minor injury from stainless steel wire ends and fiberglass splinters.
- 2) Always turn the energizer off or disconnect the fence power before handling or moving the wires.
- 3) Always train newly introduced animals to the fence by hanging aluminum foil ribbons from it or baiting them with an attractive food or odor placed onto the wires. This is especially important for wildlife. The use of foil trainers smeared with peanut butter often works well.
- 4) Install FAST FENCE warning signs in the fence wherever people may come into contact with it. They clip onto wires easily with nylon clips provided.
- 5) Do not connect to the main line electricity supply (household current). Only use controllers or energizers that are appropriate for the purpose.
- 6) Never leave very young children unattended near electric fences.
- 7) Keep fences "hot" to reduce damage from chewing, rubbing, etc. when in the field and the tape or strand out of reach of vermin and destructive pests when not in use.

WARNING

The user should determine prior to use whether the particular fence and energizer are suitable, adequate or safe for the use intended. Since individual applications are subject to variation, the manufacturer or distributors make no representation or warranty as the suitability or fitness of these devices for any specific application.



F560 **FAST FENCE™ BUCKLES** are perfect for splicing FAST FENCE™ Tapes and are galvanized for longer life and better conductivity. Install as shown. Pull on ends to tighten. Power lead may be attached to side bar.



Strand Splicing Knot

Holding both ends to-together, tie an overhand knot with both strands at the same time. Pull the 2 strands apart to tighten the knot, unravel wire ends from both strands, and twist them together. Extra plastic may be clipped off.

MAX-FLEX FENCE SYSTEMS

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