

SMARTFence 42

INSTALLATION INSTRUCTIONS

STEP 1: Excavate an anchor trench to a maximum of 4" wide and 6" deep. The trench shall be hand-cleaned following excavation to remove bulky debris such as rocks, sticks and soil clods from the trench. Drive studded metal T-posts (minimum 72" long, 1.25 lbs per foot with anchor kick plate) into ground a minimum 36" depth. Maximum post spacing can be no greater than 6'.

STEP 2: Lay out SMARTFence 42 along proposed fence line next to the anchor trench. Locate one end of the SMARTFence 42 and position it near the initial post. Position the SMARTFence 42 vertically along the initial post.

STEP 3: For the initial post, place one end of the SMARTFence 42 along the post height and rotate the post 180 degrees while maintaining tension on the fence. Secure the fence to the post using either 16 gauge wire or nylon cable ties (minimum of 8", UV stable, 120 lbs tensile strength) at the 4 orange-colored bands. SMARTFence 42 must be attached at a minimum of 4 locations.

STEP 4: Drive the initial post, with the fence attached, into the ground per steps 1 & 3.

STEP 5: Drive the interior T-posts of the fence system into the ground per step 1.

STEP 6: Move to the next T-post (adjacent to the initial post) and while pulling the SMARTFence 42 tightly, attach it to the T-post per instructions in step 3.

NOTE: Do not rotate the interior T-posts. 180 degree T-post rotation is only required on the initial, final and splice joint locations.

STEP 7: After SMARTFence 42 has been attached to each interior T-post in the fence system per step 3, attach the SMARTFence 42 to the final T-post in the fence system, rotate the final T-post 180 degrees and while keeping SMARTFence 42 pulled tight, drive it into the ground per step 1.

STEP 8: Place the bottom 10" of the SMARTFence 42 into the anchor trench. Backfill trench (overfill) with soil placed around the fabric. Compact the soil backfill by either a manual or mechanical means (per note 5 of ASTM D 6462 *Standard Practice for Silt Fence Installation*). Do not damage the fabric during compaction (all damaged fabric must be replaced).

SPLICING: The splicing of adjacent sections of SMARTFence 42 shall follow the requirements of The Tennessee Department of Transportation (TDOT) EC-STR-3E