

Polygrid Installation Guide

1. Set corners and brace posts as you would for any tensioned wire fence. Because of its high-strength, high tensioning capabilities, Polygrid must be well braced in permanent installations for optimum performance. Polygrid will not sag over time when properly tensioned and braced. Set and brace posts with care to avoid loosening. Set brace posts at 6-foot to 7-foot centers. Brace with a cross member. Steel rods can be driven through pre-drilled holes to stabilize the cross member. Multiple strands of #9 wire or cable can be used to bind the post together with the cross member in place.

To construct a brace panel with steel T-posts, place a post diagonally from the top of the first post on the bottom of the second post (set brace post at a spacing of 5 feet). This configuration is adequate for temporary enclosure.

2. Set wooden line posts on 7-foot or 8-foot centers. Recommended spacing is no more than 10 feet. Set steel T-posts to a maximum of 8 feet. To attach Polygrid to the corner post or a permanent wooden fence, nail (or use wood screws) a 1" X 2" wooden batten over Polygrid to the inside of the corner post. Stretch the Polygrid around the post for added strength. Ring shank or screw nails will be most effective: Pre-drilling battens reduces splitting.

*Horse owners may prefer wrapping the entire brace assembly (both sides) with Polygrid to cover binding wires.

For splicing roll ends attach Polygrid to Polygrid using round steel tension bar or fiberglass tension rods, interwoven in the Polygrid.

3. Attach Polygrid to brace panels or corner posts, then tension the product by a maximum ½ % (i.e. 1 foot per 200 feet of product), or until the product is taut. To evenly grip Polygrid, weave a steel rod or rounded tension bar through the apertures or nail two by fours on either side of the grid for fastening. Tension by using a fence stretcher. While Polygrid is under tension, attach to line posts using wooden laths (nail or screw) or with pre-drilled chain link tension rods and screws. * Machine screws with rounded heads are recommended in horse applications.
4. Avoid stretching Polygrid around corners without a buffer between it and the post to protect the product from any abrasion. Wrapping corner posts with Polygrid prior to stretching Polygrid will help contribute to a longer life expectancy.
5. Trim excess of splice rolls together by interweaving 1/8" smooth steel rod or fiberglass tension bar between two rolls and repeat tensioning technique.