

## EZ LINE

EZ Line is a one of a kind elastic polymer with 700% stretch. This allows you to string telephone lines and rigging wires without fear of them breaking.. EZ Line will not fray or get fuzzy like thread and it will not dry up like rubber. Caution: Prolonged exposure to sunlight will degrade E Z Line.

### Uses for EZ Line include:

- Telephone, telegraph, and electric wires
- Airplane antennas & rigging for biplanes (see below)
- Ship rigging
- Barbed wire fences
- Guard rails
- Tie down straps

### Installation Instructions for Telephone lines:

To install the material, you will need a fresh bottle of quick setting CA glue (10 seconds or faster), toothpicks, small tweezers, and a paper towel. We recommend crazy or super glue (liquid - not gap filler). Do not use E Z Line in an area that gets sunlight as this will deteriorate the product. Start on bottom cross-arm or the insulator the farthest away from you.

1. Ensure your poles are solidly secured before attaching EZ Line.
2. Put a tiny drop of super glue from the end of a toothpick on the insulator. Hold EZ Line with tweezers or between fingers so about ½ inch of the line sticks out and touch this to the glue on the insulator on your telephone pole, and hold until secure. Blot away excess glue with a piece of paper towel. Any small amount hanging over can be cut back later.
3. Go to next 4 – 5 poles and just wrap E Z Line around insulator. Do not stretch as you will lose the benefit of E Z Line's elasticity. At the 5 or 6<sup>th</sup> pole, use glue again. Verify glue is holding before continuing.
4. Continue attaching from insulator to insulator, working from the bottom cross-arm up to the top cross-arm until all lines are complete.

For accuracy, you should begin and end your railroad pole line at an interlocking tower or other suitable building. Attach the line at cross-arms on the building or a nearby pole depending on number of wires.

When modeling highway pole lines, if you have already modeled High Tension Towers going to a substation, start from the same substation. You may also consider modeling the line to come from "over the hill", along the road, then through town, out the other side and back "over the hill".

If you are modeling early steam thru the steam-diesel transition era, most rights of way were dotted with poles carrying railroad telegraph, telephone and code lines. It was not uncommon to see a total of 20 or more lines. These poles were typically shorter and closer together than street and highway poles, and the wires were strung taught to keep them from touching

If you are modeling the modern period, rights of way may have remnants of the past with a few wires or none at all. However, most towns and villages over 50 years old will have street and highway poles. These poles are typically taller and farther apart than rail line poles. There will usually be fewer wires and they may be different diameters.

### Installation instructions for rigging biplane models:

To install EZ Line rigging you will need a fresh bottle of quick setting CA glue (10 seconds or faster), 0.5mm (0.02") drill bit, sharp scissors and good quality tweezers. Optional - CA glue accelerator.

1. After painting and decaling your model drill out rigging attachment holes to clean the paint and glue from the holes.
2. Cut lengths of EZ Line slightly longer than required.
3. Apply CA glue to one end of the EZ Line and insert into one predrilled hole.
4. Trim EZ Line so it is slightly shorter than the distance between the rigging holes.
5. Apply CA glue to the end of the EZ Line (or into the 2<sup>nd</sup> rigging hole) and insert EZ Line into the 2<sup>nd</sup> rigging hole.
6. Hold EZ Line in place until glue sets.

Hot tip – use a fine brush to paint CA accelerator into the 2<sup>nd</sup> rigging hole before inserting the EZ Line with CA applied. The CA glue will set instantly.

Thank you for your purchase of EZ Line, and we hope you enjoy this revolutionary product.

Berkshire Junction Model Railroad Supplies

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