



**Bounce Back®**

# Bounce Back® How to install Plastic Coated Wire Fencing

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The information provided is suggested only. It is up to the individual to ensure they use the correct fencing method suitable for their situation.

Acacia Products will not assume responsibility for design choice by the installer. If unsure it is recommended that the owner of the property seek further advice through an approved Fencing Contractor.

- ☎ 02 9756 3108
- ✉ [enquiry@fencing4horses.com.au](mailto:enquiry@fencing4horses.com.au)
- 👉 [fencing4horses.com.au](http://fencing4horses.com.au)

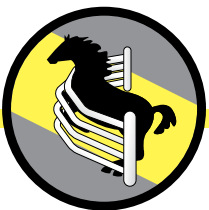
## List of Tools

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To begin you will need to gather the following tools:



- Pliers
- Wire Stripper Pliers
- Utility Knife
- Tape measure
- Straining Tool
- 10-13mm Drill Bit
- Marking Pen
- Bolt Cutters



## Step 1 - Make a cut in the polymer coating

- 1 We will need to remove a section of polymer coating at each end of the wire. Please allow for the width of your post plus 100mm spare wire (e.g. if using 200mm round post please allow 300mm of exposed wire).

This cut should be made at a point in the wire that will be in line with the inside of your straining post.

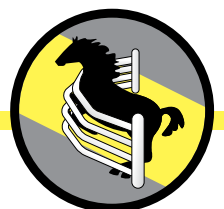
Make a small cut in the polymer coating using pliers, utility knife or wire cutters. Be careful not to cut into the galvanized wire but ensure a clean break in the polymer.



## Step 2 - Twist the polymer coating to break the bond with the wire

- 2 By twisting the polymer coating back and forth with a set of multi-grips or general purpose pliers you can break the bond with the steel and allow the coating to be easily removed.

Grab the polymer section you want to remove with the multi grips and rotate it around the wire until it moves freely.



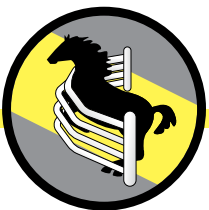
## Step 3 - Remove the section of polymer coating

- 3 Using our wire stripper pliers as shown on the left, or using a set of multi grip pliers, strip the polymer from the wire.

Please refer to the right hand side of the picture. To make it easy to remove, it can be handy to grip the other end of the plastic coated wire with multi-grips and bend around the base of a fence post or the heel of your shoe. This secures the wire and makes it easier to remove the unwanted section of plastic coating.



Leaving you with some exposed wire that looks like this:



## Step 4 - Attach the plastic coated wire to one straining post

- 4 Drill a hole approximately 10mm diameter through the straining post. Then insert the now exposed wire through the hole from inside to outside so that approximately 100mm of exposed wire is seen from the outside of the post.

Insert a wire end vise onto the wire and push up to the post.



## Step 5 - Interim posts

- 5 With one end of the plastic coated wire fencing attached we now need to attach it to the interim posts.

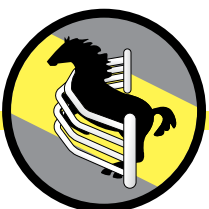
The simplest and quickest method of attaching the plastic coated wire fencing to the interim posts is to use one of our PCW brackets. Fitted similarly to the rail for our 120mm product, it is easily attached with two hex head screws. It is often easiest to fit each bracket with one screw, loosely, then insert the wire from above along the run.

The bracket with one screw will usually have enough friction to keep the wire in place, so you can easily go back along the run and fix the top screw.

These brackets are designed to allow for lateral movement, providing some flex should impact occur.



Another option for the interim posts is to drill a hole through the posts and run the plastic coated wire fencing through that hole. Our plastic coated wire is 7mm nominal diameter so an 8mm – 10mm hole would suffice.



## Step 6 - Strain the plastic coated wire fencing

- 6 Once the PCW has been attached to the interim posts, attach the end of the wire to the second straining post (similar to Step 3 and 4 for the first end post). Make sure to remove enough polymer coating so that the wire is covered along the run. Ideally the wire should be coated 5mm into the end post completely hiding an exposed wire and allowing enough room to strain the wire.

Then place the straining tool on the vise and pull the wire using the lever action. It may be necessary, but often is not, to also strain the wire from the other end.

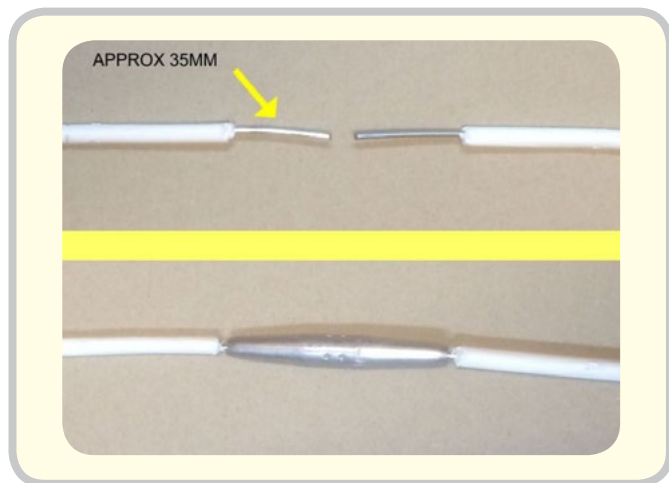
Once you are happy with the tightness of the wire consider using our wire end vise covers to cover up the left over piece of wire and end vise.



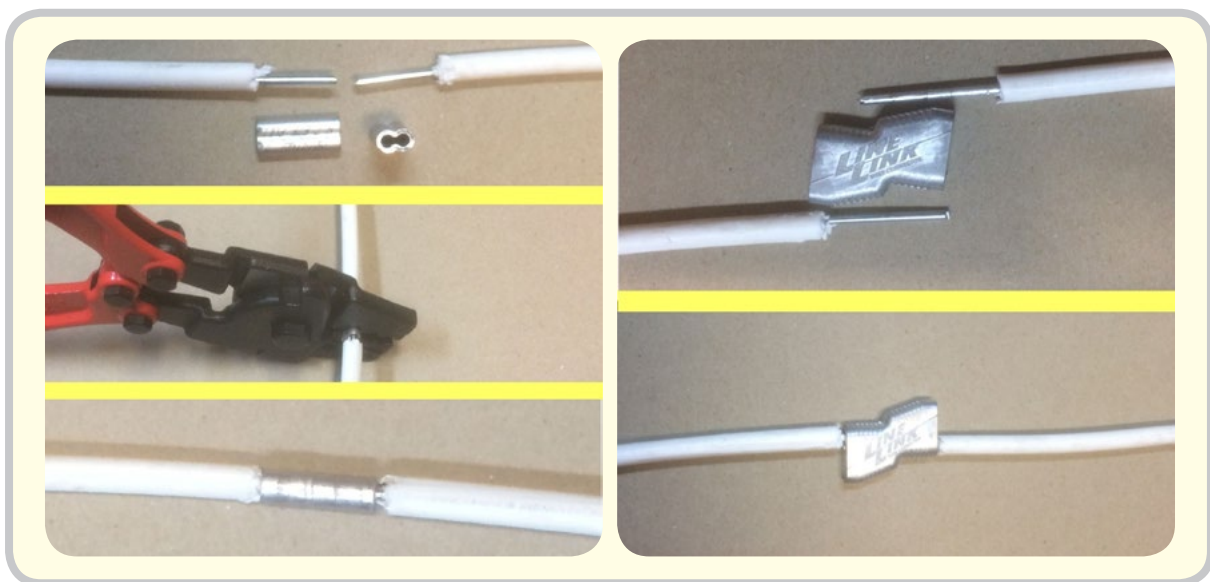
# How to Join Plastic Coated Wire

Plastic coated wire can be joined in a number of ways. Our wire vise joiners, crimps (or swages), and various proprietary wire joiners like gripples and fastlink joiners can be used. Just make sure the joiner is suitable for 2.5mm wire.

To use our wire vise joiners simply remove 35mm of polymer for each section of PCW you intend to join. Follow step 1 and 2 above. Then insert the joiner onto on section of PCW and insert the other section of PCW into the other end of the joiner. Test the grip by pulling the two PCW sections before installing the joined wire.



Other joiners and swages can be used similarly. The amount of polymer coating to be removed with device varies but photos of common joiner types giving basic instruction are below.



## Other Resources and Information

For further information and easy to follow videos on Bounce Back® Horse Fence installation we suggest you visit [fencing4horses.com.au/installation-page](https://fencing4horses.com.au/installation-page).

