

Glider Hi-Start STANDARD - for 250 gram or less sailplanes!

The WN Glider Hi-Start has been specially designed by WillyNillies.com to provide a great experience launching sailplanes that weigh less than 250 grams within the confines of a Football Field, Soccer Field, or typical Baseball Field and realistically expect 200+ foot launches!

It is a PERFECT MATCH for our Gentle Lady Sailplane, and similar near future releases we have planned!

Includes:

- 32.5 feet of high visibility, UV treated latex tubing.
- 180 feet of high visibility, Dacron tow line
- 12" stake to secure line
- High visibility streamer for tow hook end of line
- Stainless steel connection rings
- Plastic Reel to wind up and store the complete Hi-Start.

Here are the typical contents of the Willy Nillies Hi-Start Package, your candy content may vary. 😊

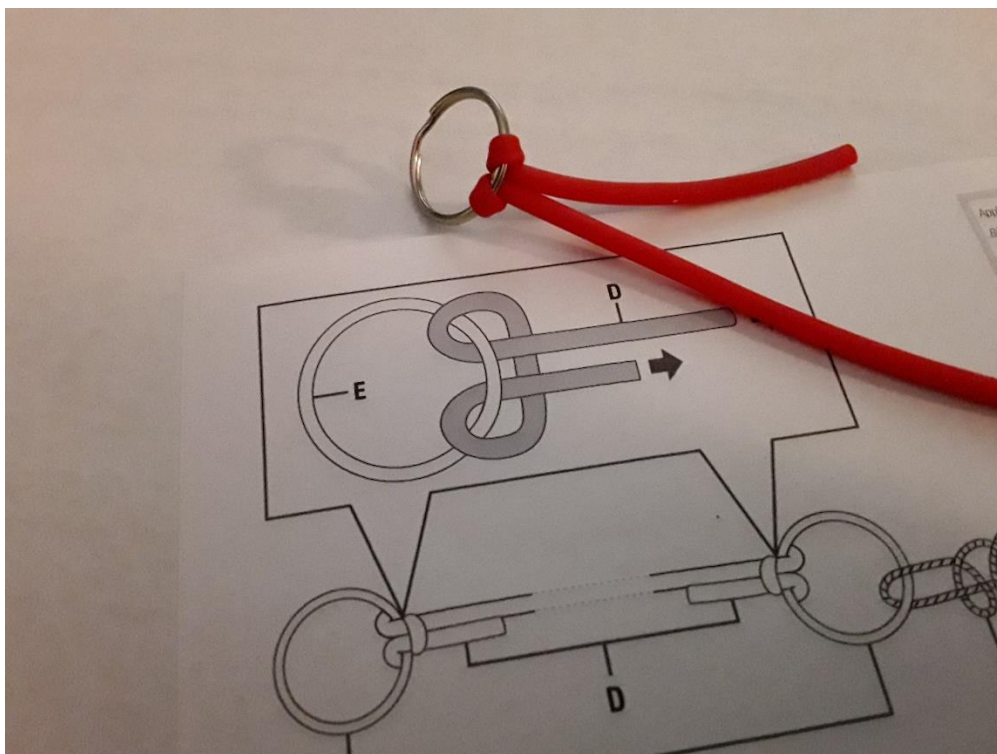


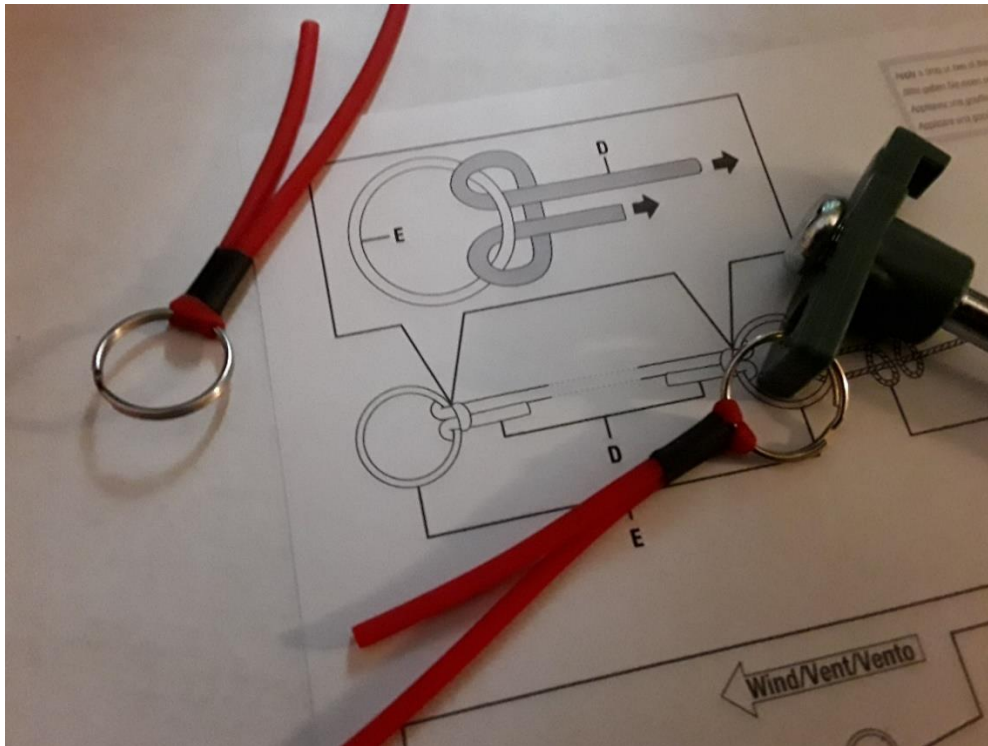
Ok, here is what your kit should contain.



Get started by tying the two Stainless-Steel Key Rings, one to each end of the length of Surgical Tubing supplied in your kit.

The pic below shows the typical knot suggested for use in most systems.

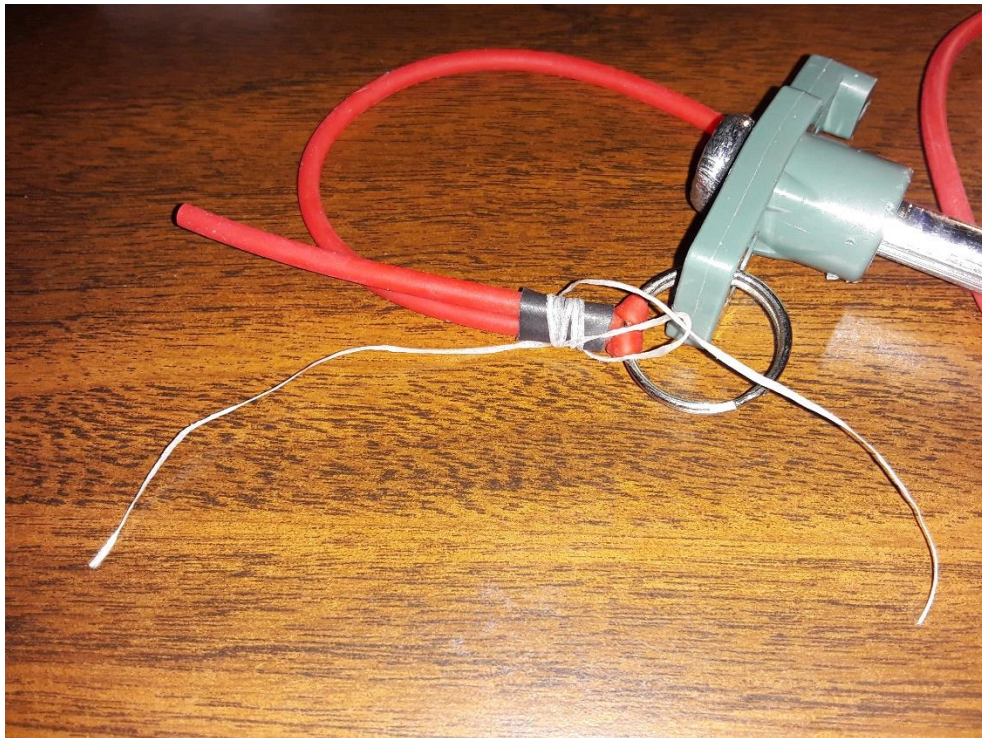




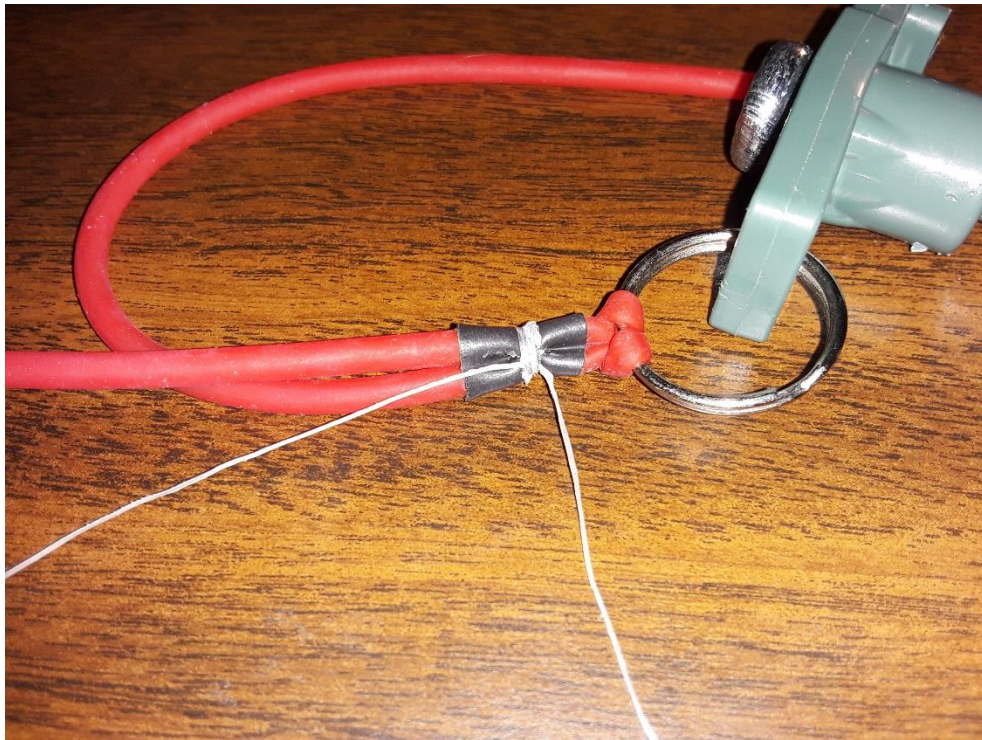
I found by tying the knot using some soapy water, the knot stays tight, however I added some short pieces of heat shrink pulled up to the knot. The extra Security seemed worth it.



After reviewing some Videos on YouTube about securing the Silicone tubing on Sling Shots, I decided on securing the knots in the same fashion.



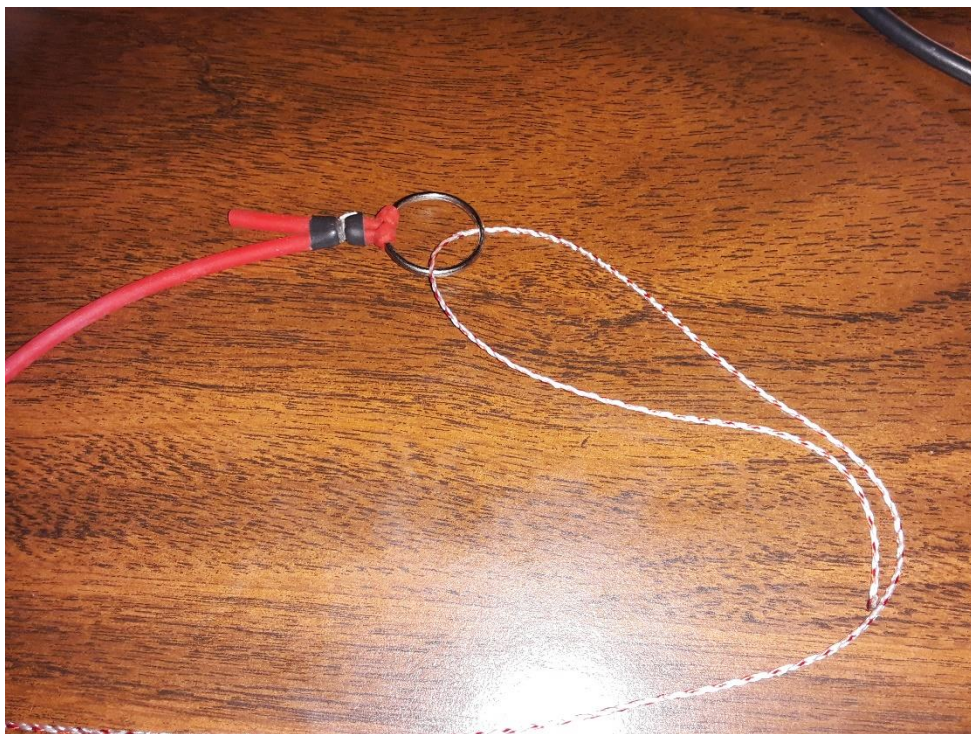
Using the Waxed Dental Floss I tied a 5 wind Cinch Knot over the Heat Shrink protecting the Silicone from cuts by the Floss.



The Cinch Knot is pulled up tight. I tied a Square Knot to secure the tails just in case the back and forth stretching of the Silicone tried to loosen it up.



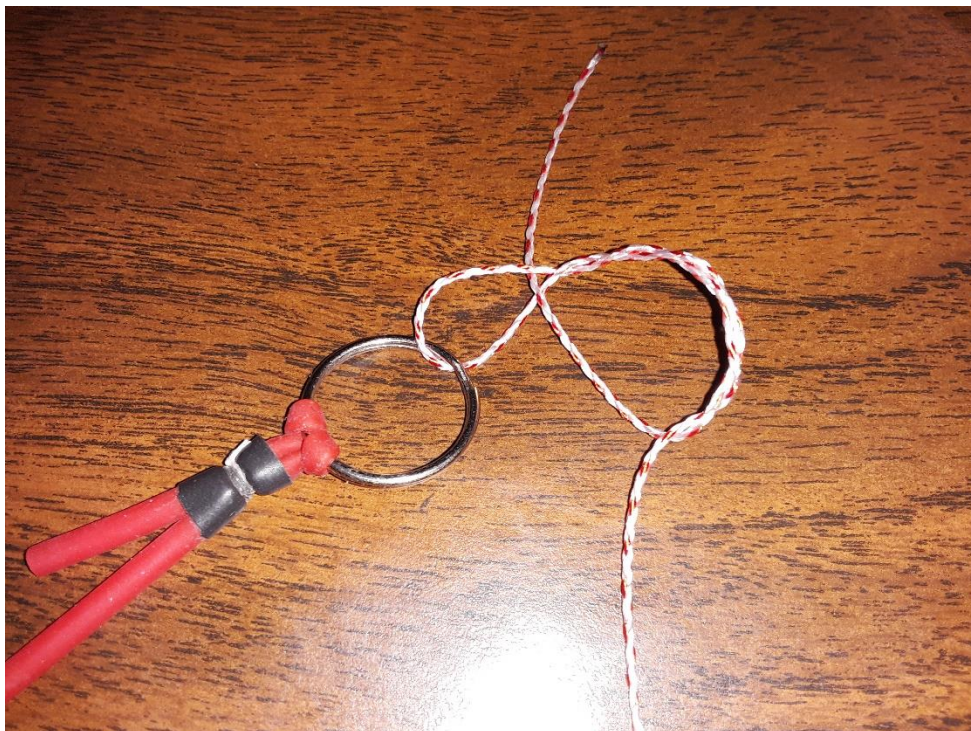
The tails are trimmed, and I stretched the tube a few times to check it.
Satisfied with the way it worked, I wrapped a Cinch Knot on the other end at the Key Ring.



With the Rings secured to the Silicone Tubing, I proceeded to tie the Nylon Line to the Key Ring using the 5 wind Cinch knot.



This shows the 5 winds.



Looping back, pass the line through the loop. Grad the tail and pull the main line up to the Key Ring.



Pull the main line good to ensure you have it tight and trim the tail.



At the other end on the main line, I again used the Cinch Knot and made the tail longer so I would have a little extra to attach the Ribbon. In the Picture you can again see the 5 winds and the tail passed through the loop.



As before, hold the tail and pull the main line up to the Key Ring tightly.



I tied the Ribbon using the Cinch Knot once more making the line from the Key ring about 3 inches long. I have a link at the end to a YouTube for beginning Hi-Start tips. In it he talks about the Ribbon placement. Watch it before making up this end.



Using the lighter I sealed all the ends of Ribbons and Nylon line.



The Finished Spool all wound up and ready to use.

Here's a Couple of useful links for those using Hi-Starts for the first time.

<https://www.youtube.com/watch?v=gSbMw6weQyU>

<https://www.instructables.com/Greenest-Way-to-Fly-RC/>