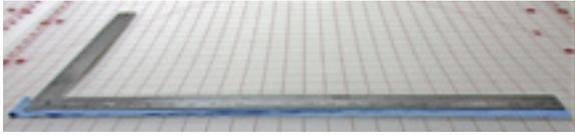


# CoverAidPHL Fabric mask v1

## Sewing Instructions



1: Lay an L-square on the fabric. Run a pencil along its edges to quickly mark the binding's cutting lines on the underlying fabric.

### Tips:

Cut several long 1 1/4 inch wide fabric strips from the left over woven fabric to use as binding when finishing the side seams. Most L-squares measure 1/14 inch wide. Lay an L-square on the fabric. Run a pencil along its edges to quickly mark the binding's cutting lines on the underlying fabric (photo 1).

When stopping in the middle of a seam, drop the needle into the work to hold the work in place.

Keep the mask pattern on the sewing machine for reference as you sew.

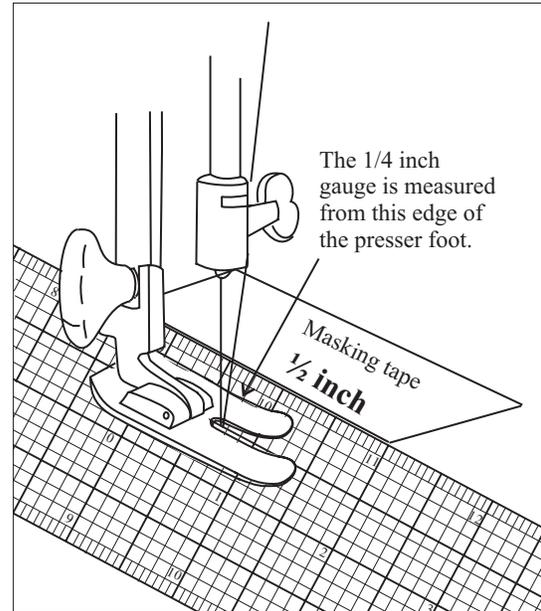
Begin by making just two masks at a time until you get the feel of it. Once comfortable with the procedure, sew eight masks at a time, chaining through each step eight times, until all eight masks are finished.

### Jargon:

**Bundle** – a set of garment pieces, approximately eight, given to an operator to sew. Suggestion: Bundle all cut mask pieces needed to make 8 masks.

**Chaining through** – sewing the next piece immediately after the previous piece with only a stitch or two between the two pieces.

**Down to the feed** – laying a fabric so it touches the feed dog as the seam is sewn. The feed dog tends to move the underlying ply of fabric a little faster than the top ply



2: If you do not have a gauge on your sewing machine, measure 1/2 inch from your needle and tape masking tape as shown. Use the edge of your pressor foot as a 1/4 inch gauge.

as the machine sews. Putting the stretchier knit fabric down to the feed helps to keep the knit in alignment with the woven fabric.

### Knit fabric -Lining

**Stay-stitching** - stitching sewn to hold fabric in place for sewing another seam. Stay-stitching is hidden in a finished sewn product.

### Woven fabric - Shell

#### Instructions:

1. If you do not have a gauge on your sewing machine, measure 1/2 inch from your sewing machine's needle. Tape masking tape as shown. Use the edge of your pressor foot as a 1/4 inch gauge (diagram 2).

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3: Roll the knit fabric at the top edge 1/16 inch below the woven edge.

2. Lay one cut piece of the woven fabric over one piece of the knit fabric.

**Note: Most fabrics have no right or wrong side.**

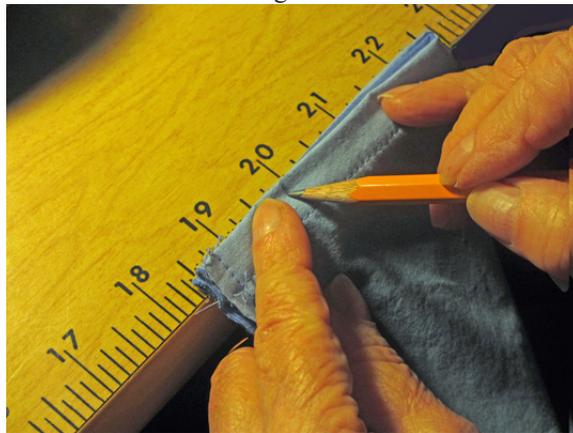
3. Check that the notches are cut. If not, lay the pattern over the fabric. Pencil-mark the notches on the shell.

4. Lay the fabric under the sewing machine with the knit fabric down to the feed.

5. Hold the fabric taut as you sew. Run the fabric's top edge along the 1/2 inch gauge as you sew. Sew the bottom edge on a 1/4 inch seam allowance (gauge). Back tack at both ends of each seam.

6. Turn the fabric right side out. At the top edge roll the knit fabric 1/16 inch below the woven edge (photo 3).

This prevents the knit from showing below the finished edge of the shell.



4: Fold the top edge of the mask in half. Measure 2 3/4 inches from the center. Pencil mark.

The woven (shell) side of the mask is shown.

Lay the fabric under the machine with the knit fabric down to the feed. Sew across, 1/2 inch from the top edge.

7. Repeat step 5 with the bottom edge. Sew 1/4 inch from the bottom edge. If chaining, cut the chain after sewing all the pieces in the bundle.
8. Fold the top edge of the mask in half. Measure 2 3/4 inches from the center. Pencil mark (photo 4).

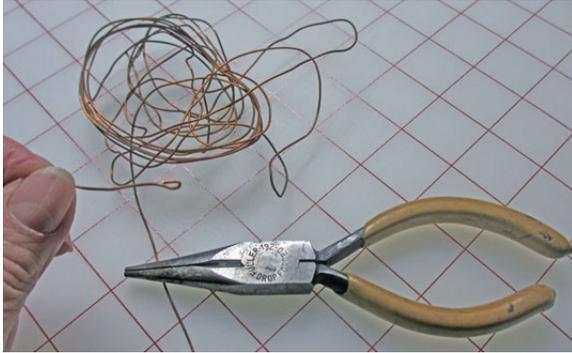
Stitch a vertical seam from the just sewn stitching, 1/2 inch from the top of the mask, to the top of the mask.

9. Attach the zipper foot.

***If using wire to make the metal nose grip***

**Cut the wire as shown. Cut enough for all cut masks.**

**Add the cut wires to the bundles**



5: If using wire, bend back the end.

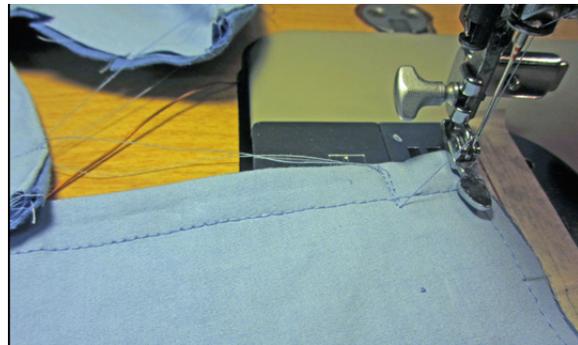


6: Measure 5 3/4 inches, so as to have 1/4 inch to bend back, to give a 5 1/2 inch length.



7: Insert the metal nose grip. The woven (shell) side of the mask is shown

10. Insert the metal nose grip in the top seam's channel between the top ply and the seam allowances (photo 7).



8: Stitch a vertical seam next to the inserted nose grip in order to hold the nose grip in place. Back tack several times to hold the grip in place.

11. Stitch a vertical seam to hold the metal nose grip in place. Back tack several times to hold the grip in place (photo 8).

12. Remove the zipper foot. Attach the straight-stitch foot.

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13. With the knit down to the feed, hold the first side seam's two plies edge-to-edge.
14. **First: stay-stitch the side seam on 1/4 inch seam allowance**, holding the notches in place as the seam is sewn. Repeat with the second side seam (not shown).

**Then:** with the knit still down to the feed **stay-stitch the pleats in place**. Check that all of the pleats are sewn edge-to-edge against the edge of the seam (not shown).

15. Turn the work over so the knit side is up. Lay the cut elastic over the mask as shown (photo 9).

Sew the ends of the elastic strip on a 1/4 inch seam allowance to the top and bottom of the side seam. Stay-stitch back and forth over the elastic ends when you sew over them. Repeat with the second side seam.

16. Lay the mask's woven side face up. The elastic strip lies under the mask.
17. Lay the 1 1/4 inch binding over the side seam. Fold the binding's end under the side seam (photo 10).



9: **Lay the knit side up.** Lay the cut elastic back over the mask as shown. Sew the ends of the elastic strip on a 1/4 inch seam allowance to the top and bottom of the first side seam. Stay-stitch back and forth over the elastic ends.



10: Lay the binding over the side seam. Fold the binding's end under the side seam.

The woven (shell) side of the mask is shown.



11: Cut the binding so it extends approximately 1/2 inch beyond the top edge of the mask.

The woven (shell) side of the mask is shown.

18. Lay the binding edge-to-edge against the edge of the mask's first side seam. Sew the binding on a 1/4 inch seam allowance to the mask's side seam. Stop midway.
19. Cut the binding so it extends approximately 1/2 inch beyond the top edge of the mask (photo 11).
20. Fold the just cut end of the binding under the side seam's edge. Sew the remainder of the seam. Back tack.

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12: Turn the work over. Fold the binding so its edge meets the edge of the mask's seam allowance.

This is the knit side of the mask.

21. Turn the work over so the knit side is up.
22. Fold the binding so its edge meets the edge of the mask's seam allowance (photo 12).
23. Fold the binding again so its folded edge lies over the just sewn stitches. Edge-stitch the binding's just folded edge through all plies (photo 13).



13: Fold the binding again. The binding's second folded edge lies over the just sewn stitches. Edge-stitch the binding's just folded edge through all plies.

This is the knit side of the mask



14: How the side seam looks now.

This is the knit side of the mask.

Photo 14 shows how the knit side of the mask looks now.

24. Turn the work over with the woven side up. Lay the elastic out from under the mask. Edge-stitch the binding on both sides of the strip, sewing through the elastic as you do so (photo 15).
25. Repeat steps 16-24 with the second side seam.



15: Turn the work over with the woven side up. Lay the elastic out from under the mask. Edge-stitch the binding on both sides of the strip, sewing through the elastic as you do so.

The woven (shell) side of the mask is shown.