

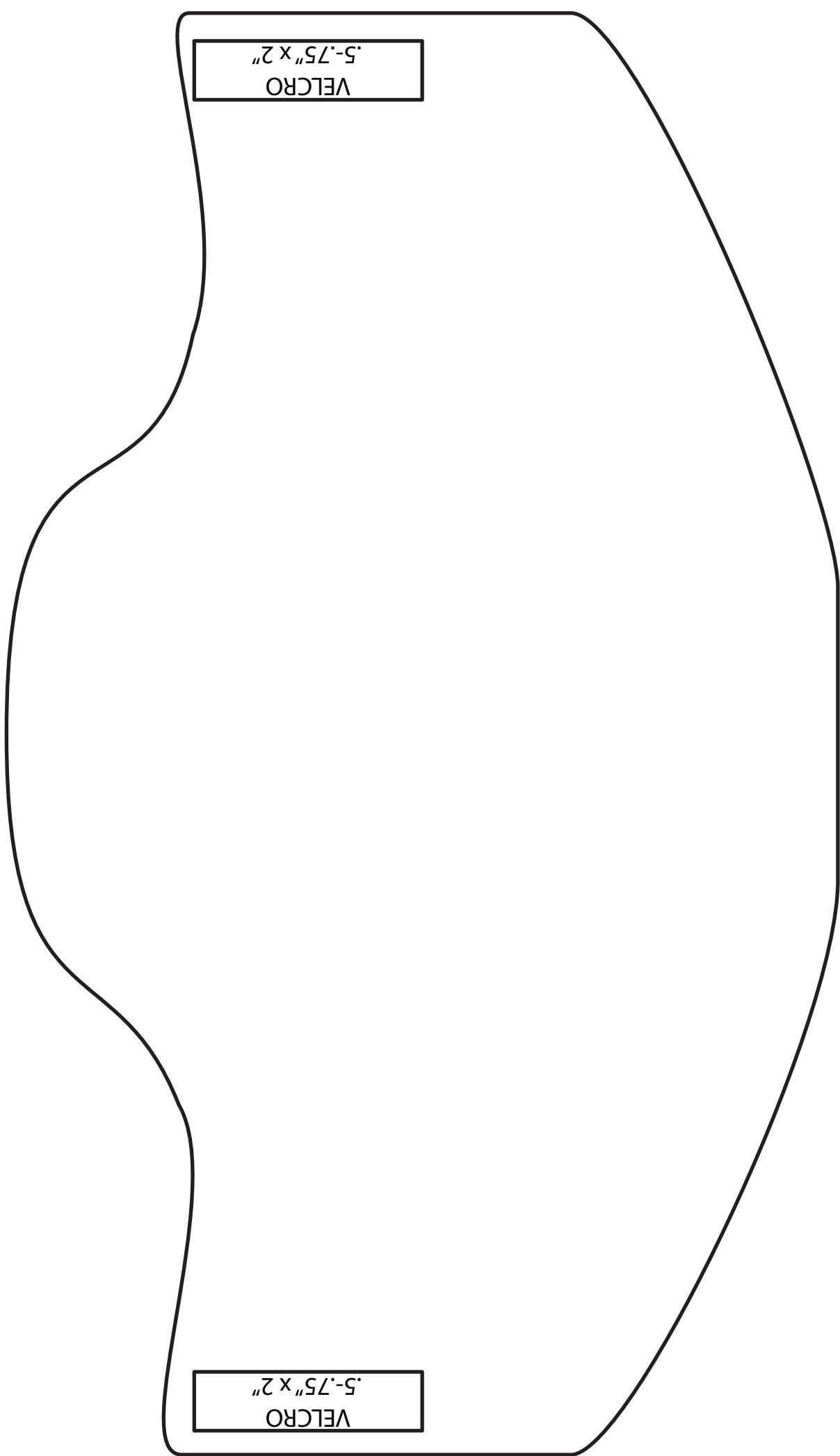
Homemade Face Shield & Cotton Mask Instructions & Pattern

For questions or mask / shield donation requests please contact me at:
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Laminate Pouch Setup

1. Using a thermal laminator run a 9x11.5 (or larger) pouch through the machine with 1/4" to 1/2" strips on the far sides (black strips on this page demonstrate the setup).
2. For a Full Size face shield simply round the corners to prevent any sharp edges
3. For a 2/3's shield print the pattern on the following page and trace it with washable ink onto the laminate sheet
4. Cut out the mask and round off any sharp edges
5. Attach a 2" strip of .5 to .75 inch wide velcro. The rough side of the velcro should be used on the shield. If you have a sewing machine you can sew non-adhesive velcro to the mask, otherwise strong adhesive velcro can be used.
6. Other mask attachments are possible, alligator clips, binder clips, safety/bobby pins, etc.

2/3's Face Shield Cutout Pattern



FU Mask Construction

1. Cut 4 mirrored pieces of fabric from the pattern



2. Lay matching pieces on top of each other (inside out)

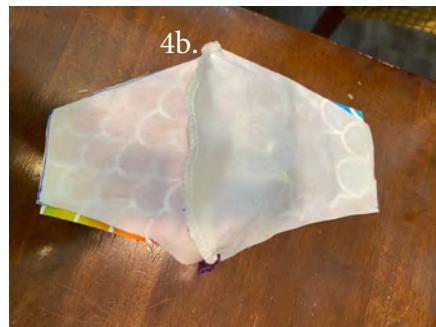


3. Sew the rounded edge.

*Note: We use a serger for all of the edges, this is optional and not required. A sewing machine for all steps is adequate.



- 4a. Lay the 2 sew pieces out flat
- 4b. Lay the 2 pieces on top of each other, with insides facing outwards





5. Sew upper edge of mask together

6. Cut 2 pieces of elastic:
1 10.5" long (upper)
1 9.5" long (lower)



7. Place mask with design side facing out and pin or clip bands to mask
Be sure to place longer piece of elastic on the upper portion of the mask

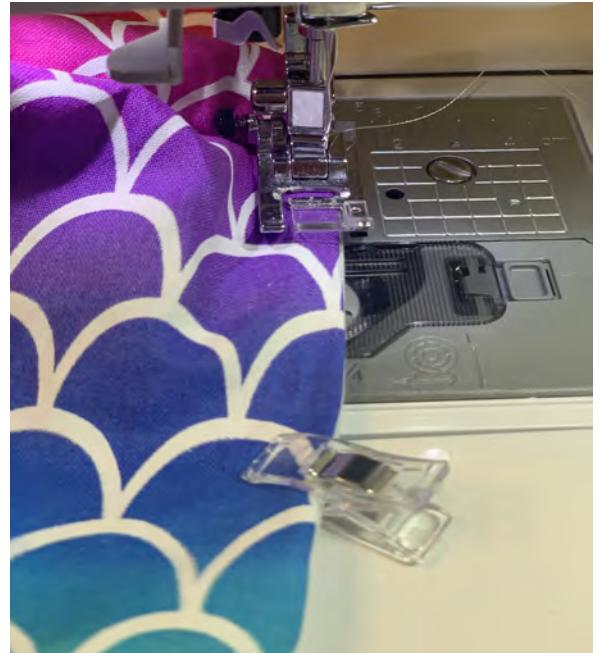


8. Fold the mask together (inside out, seam side should be visible) and sew the ends together (you're sewing the 2 short ends together on each side, you'll be sewing over the elastic as well). Repeat on other short side.

9. Sew the top long edge together



10. Sew the bottom long edge, leaving a 1.5-2" gap. Once completed you should have a gap similar to the photo

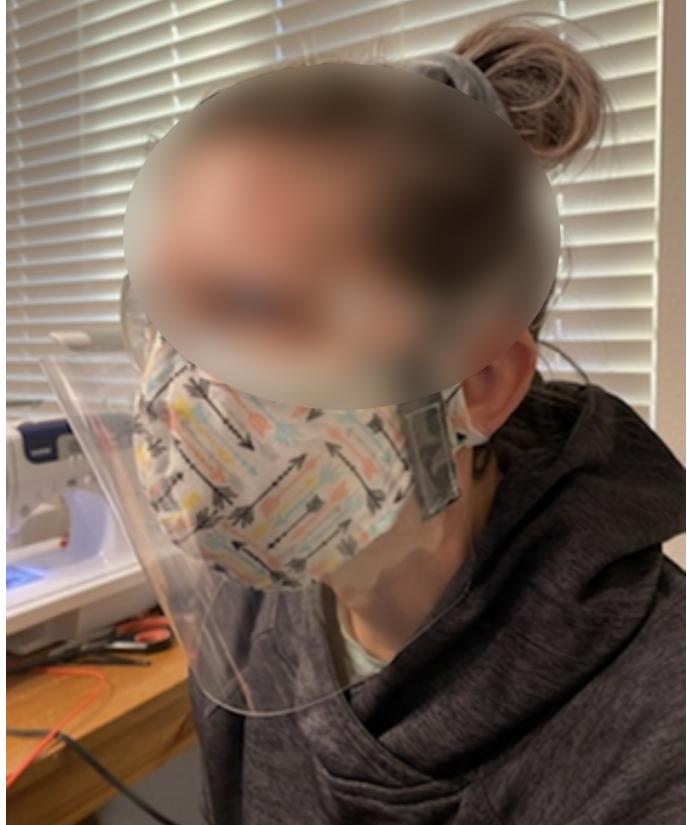


11. Using the gap hole reach inside and pull the mask right side out, including the bands. Once the mask is right side out sew the gap together. Sew 2 parallel lines in the center of the mask 1/4" from the center, this reinforced the seams and helps the mask keep its shape.

12. Once the mask is completed, check for any holes and re-sew them to seal..

13. Sew a 2 inch strip of .5" to 1" width velcro approx. 1.5" from the end of the mask, adjust this as necessary so the mask has a 1.5" to 2" gap between the mask and the plastic. If the shield is too close fogging may occur.

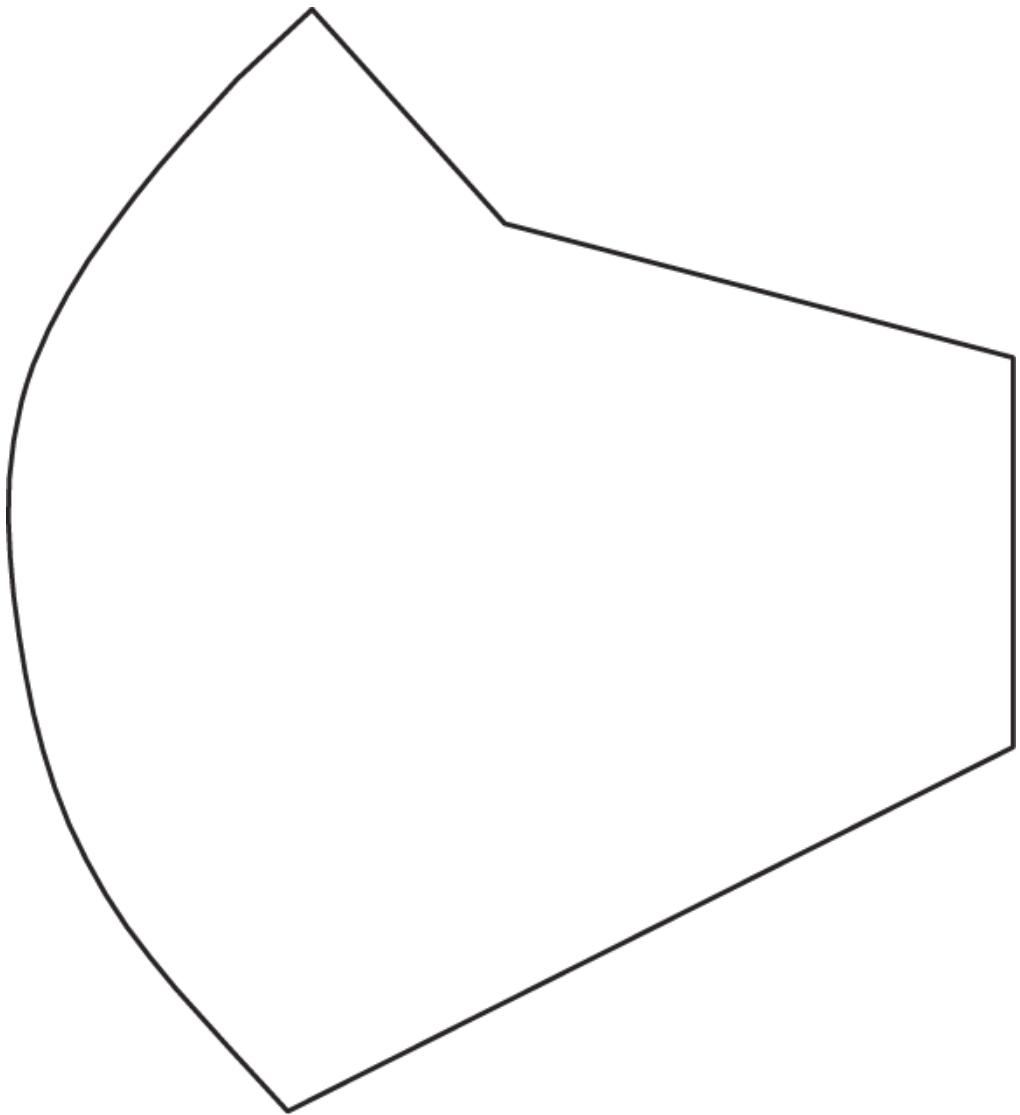
14. Cut all loose strings then hand wash in hot water and let dry. Masks should be stored in paper bags (lunch bags work great) as the virus has a shorter half-life on paper as opposed to plastic.



The finished mask and a 2/3 shield attached.

The 2/3 mask is designed to be used with eye protection.

Adult Medium Pattern
Approx 6.5" tall by 6" wide



Resources

Low cost laminating machine:

[https://www.amazon.com/AmazonBasics-PL9-US-Thermal-Laminator/dp/B00BUI5QWS/
ref=sr_1_3?crid=20SLZTO463DFC&keywords=laminator
+machine&qid=1585540223&sprefix=lamin%2Caps%2C194&sr=8-3](https://www.amazon.com/AmazonBasics-PL9-US-Thermal-Laminator/dp/B00BUI5QWS/ref=sr_1_3?crid=20SLZTO463DFC&keywords=laminator+machine&qid=1585540223&sprefix=lamin%2Caps%2C194&sr=8-3)

Clear laminating sheets:

[https://www.amazon.com/gp/product/B01E0BB7MY/ref=ppx_yo_dt_b_asin_title_o09_s01?
ie=UTF8&psc=1](https://www.amazon.com/gp/product/B01E0BB7MY/ref=ppx_yo_dt_b_asin_title_o09_s01?ie=UTF8&psc=1)