

MCV Requested Design

Please follow Studio Two Three and 1708 Gallery's Facebook and Instagram to learn about designated drop off times. Place all masks in large ziplock bags.

Materials

- OR linens or other breathable water repellent fabric (preferred 65% Poly 35% cotton)
- Pins
- 1/4" or 3/8" wide Elastic
- Thimbles
- Fabric Scissors
- Heavy paper for patterns: 9" x 15" & attached mask pattern
- Cardboard – optional (***tip: use a 9.5" piece of cardboard to loop around 10-15 times to cut all at once to produce 20-30, 9.5" pieces*)
- Sewing Machine Thread

PREP – Estimated time 3 minutes per unit Station 1: Cutting

1. Cut a rectangular 9" x 15" base paper pattern
2. Fold fabric in 4 layer
3. Lay 9" x 15" base pattern on top of 4-layer fabric Cut around the base pattern

Station 2: Pinning

1. Take 2 cut sheets and fold in half to make 4 layers Cut mask pattern per attached sample (8.19 x 5.4")
2. Pin mask pattern to cut 4-layer fabric using 4 pins around the outside

Station 3: Cutting

1. Cut the fabric for the mask pattern

Station 4: Finishing

1. Remove pins and paper pattern from cut fabric
2. Separate 4 fabric pieces into 2 sections of 2 layers of fabric each
3. Pin 2 piece sections around curved edge vertically, every 2"

Station 5: Elastic

1. Cut elastic into (2) 9.5" sections.
2. Insert (1) elastic into each 2-piece pinned section through the flatter open edge (opposite from the edge that is pinned)

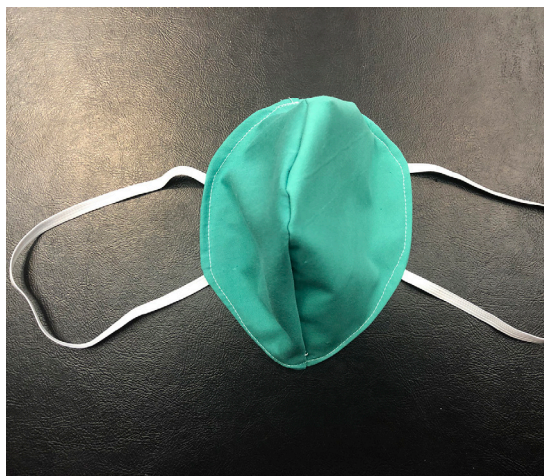
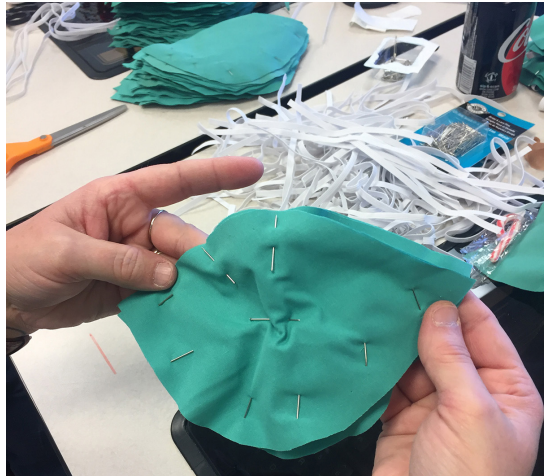
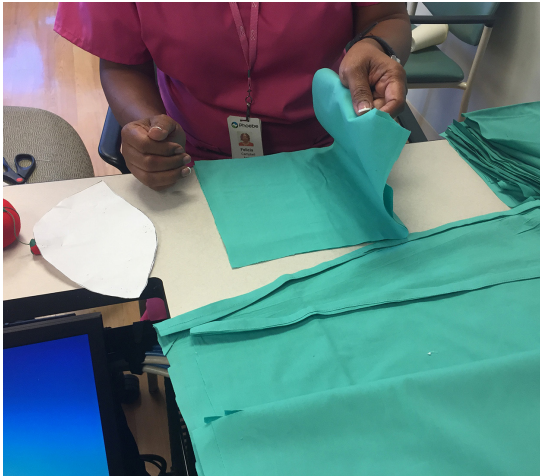
*Check to be sure elastic is not twisted inside the section. Once elastic strip is inserted into the opening and placed flat in a U shape, center the new elastic ear loop and pin down each end of the elastic strip 3" apart - EVEN with the edge of the fabric (**tip: create a 3" line on your table as a guide**)*

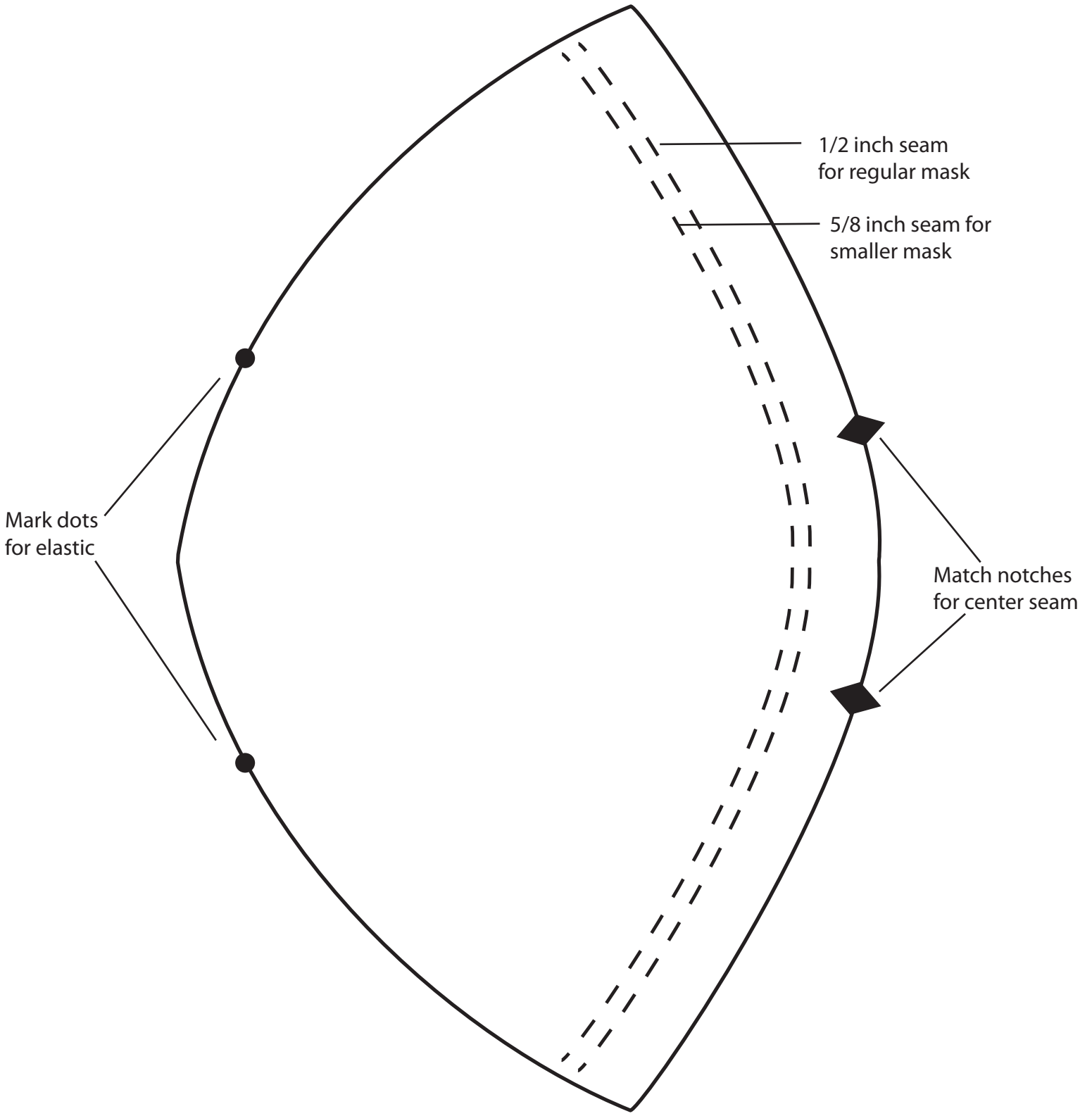
3. Use your completed 2-piece section as a guide for the other section to keep ear loops even
4. Place a single pin through middle of the 2 sections to make one unit, ready for sewing

SEWING – Estimated time 7 minutes per unit

1. Unpin the 2 sections pinned together
2. Place one 2 piece section on the machine and prepare to sew the edge with the elastic ends
3. Place machine on a zigzag stitch and sew along the entire edge
4. Line up second 2-piece section, place on the machine and sew the edge with elastic ends
5. Remove from the machine and take out the pins
6. Turn both sections inside out
7. For each section, sew a straight stitch on the same edge for extra stability for the elastic, ensuring the elastic is caught in the stitch
8. Place one section directly on top of the other section, line up directly on top of the other and prepare for sewing
9. Using a 5/8" seam for a small size N95 and a 1/2" seam for a regular N95, zigzag stitch down the section that will be over the nose part of the mask, making sure all pieces are getting caught in the stitch
10. Backstitch to finish and cut loose threads Open completed mask
11. Trim up any frays

See following images and pattern



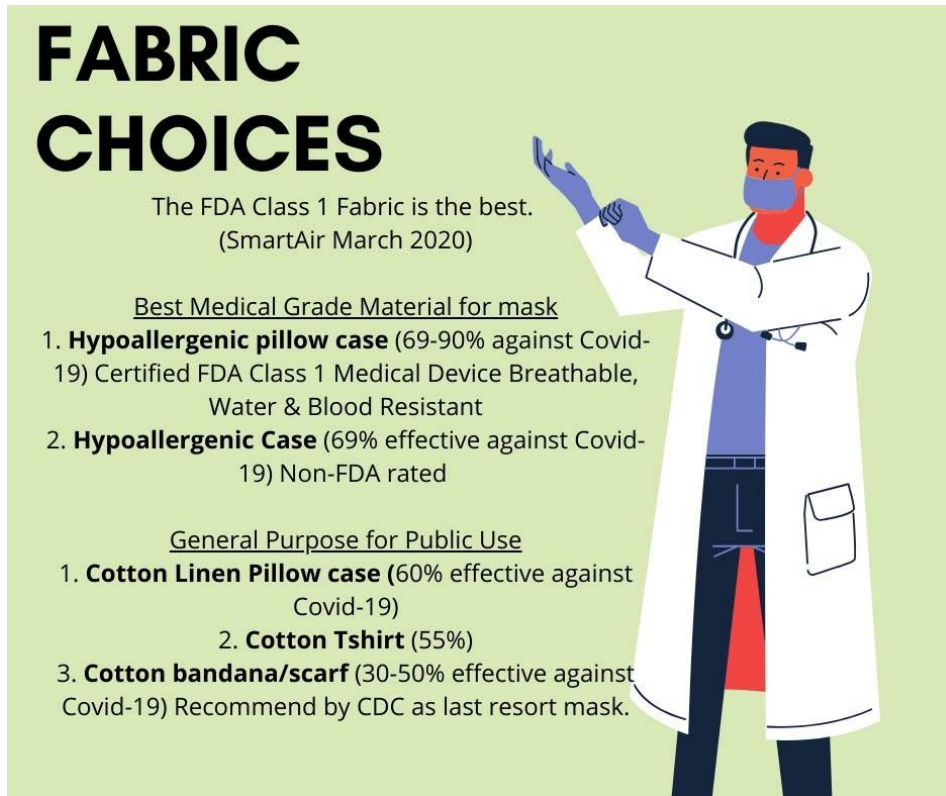


Simple Mask

Most common, accepted pattern

<https://www.deaconess.com/How-to-make-a-Face-Mask>

1. Simple Mask-EASY
 - [-https://www.youtube.com/watch?v=VgHrnS6n4iA](https://www.youtube.com/watch?v=VgHrnS6n4iA) (details on measuring the tucks)
 - <https://www.youtube.com/watch?v=ueWkAuY3k6Y> (makes tucks without measuring)
1. Simple Mask-No Elastic needed-EASY/Intermediate
 - <https://operationwecansewit.com/wp-content/uploads/2020/03/We-Can-Sew-It-Mask-Pattern-2.20.20-v4.pdf?fbclid=IwAR392mnjqwL7lomkDooMgW8TFkgtzrgupH8BiwnoWLFq73Do2G8bIQ7Vuqk>
1. Simple Mask with added Pocket -Intermediate
 - https://youtu.be/S9RWII2-5_4



FABRIC CHOICES

The FDA Class 1 Fabric is the best.
(SmartAir March 2020)

Best Medical Grade Material for mask

1. **Hypoallergenic pillow case** (69-90% against Covid-19) Certified FDA Class 1 Medical Device Breathable, Water & Blood Resistant
2. **Hypoallergenic Case** (69% effective against Covid-19) Non-FDA rated

General Purpose for Public Use

1. **Cotton Linen Pillow case** (60% effective against Covid-19)
2. **Cotton Tshirt** (55%)
3. **Cotton bandana/scarf** (30-50% effective against Covid-19) Recommend by CDC as last resort mask.

The infographic features a stylized illustration of a doctor in a white lab coat, blue shirt, and dark pants, wearing a blue surgical mask and blue gloves. The doctor is standing on the right side of the infographic, gesturing with his right hand towards the text on the left. The background is a solid light green color.

Bon Secours requested mask--can take filter --- DIY filter could be vacuum cleaner bags: [Info found here](#)