

May be worn alone or over an N95 for isolation precautions to extend N95 use when appropriate during a severe shortage of available PPD. Intended for reuse after laundering. If N95 is visibly soiled, discard.

MATERIALS

- Fabric must be 100% cotton, pre-shrunk, good quality, not flimsy, t-shirt material
- 1/4" or 3/8" wide Elastic, cut to 9.5" lengths (*tip: use a 9.5" piece of cardboard to loop elastic around 10-15 times to cut all at once to produce 20-30 pieces*)
- Thread
- Pins
- Thimbles
- Fabric Scissors
- Sewing Machine

1. CUTTING:

- Cut out mask pattern per attached sample
- Cut a rectangular 9"x15" base paper pattern
- Fold fabric in 4 layers
- Lay 9"x15" rectangular base pattern on top of 4-layer fabric
- Cut around the base pattern

2. PINNING:

- Take 2 cut sheets and fold in half to make 4 layers
- Pin mask pattern to cut 4-layer fabric, using 4 pins around the outside

3. CUTTING:

- Cut the fabric for the mask pattern

4. FINISHING:

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

5. ELASTIC:

- Insert 1 cut 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 2" apart – EVEN with the edge of the fabric (*****Tip: create a 2" line on your work surface as a guide.*****)
- Use your completed 2-piece section as a guide for the other section to keep ear loops even
- Place a single pin through middle of the 2 sections to make one unit, ready for sewing

6. QUALITY CONTROL:

- Examine product and correct any defects before advancing to sewing

7. SEWING:

- Unpin the 2 sections pinned together
- Place one 2 piece section on the machine and prepare to sew the edge with the elastic ends
- Place machine on a zigzag stitch and sew along the entire edge
- Line up second 2-piece section, place on the machine and sew the edge with elastic ends
- Remove from the machine and take out the pins
- Turn both sections inside out
- 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
- Place one section directly on top of the other section, line up directly on top of the other and prepare for sewing
- Using a 5/8" seam allowance for a regular size N95 cover, and a 1/2" seam allowance for a small cover, 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
- Backstitch to finish and cut loose thread
- Open completed mask
- Trim up any frays
- Examine product and correct any defects

This information is provided for your independent evaluation. Neither the materials nor design of these masks has been reviewed or approved by the FDA or any other regulatory agency. Each institution must make its own independent determination as to whether the masks are suitable for any particular purpose.

