

How to Sew a Surgical Face Mask with Ties

We will be sewing a standard face mask with ties and a filter pocket. Ties are preferred because they will stand up to sanitizing in our industrial high-heat dryers better than elastic. Begin by cutting your fabric using the chart below for the correct measurements.

- Tightly Woven Cotton/Cotton Blend PRE-WASHED IN HOT WATER
- 3 Layers; 9" long x 7" wide
- 2 pieces of Double Fold 7/8" or 1/2" Bias Tape 40" OR fabric ties to the same measurement

Step 1. Pin Fabric

Place two pieces of fabric right sides together. Save the third piece for the end of step 2.
Place a pin in each corner of the rectangle and horizontally mark the center of the rectangle.



Step 2. Sew Filter Pocket

Halfway down from the top of the fabric sew a straight horizontal line 2-3" long.

Repeat this on the opposite side as well, leaving the middle unsewn. Refer to the photo below as a guide.



Pinch both corners of the top fabric and pull them downwards to meet the bottom. Do the same on the back fabric.



A filter can easily be slid into this pocket by the wearer.

Place the last rectangle on top of the lining with right sides facing each other. Sew the short sides of the face mask making sure to backstitch at the beginning and end of each seam using a 3/8ths inch seam allowance.



Step 3. Turn Fabric

Turn the mask right side out and use an iron to press it flat. Take care to roll the seams outwards.

Step 4. Create Pin Tuck Markings

Create three pintuck markings by folding the mask in half and pressing it with an iron and then folding the outside edges to the center and pressing again.



Step 5. Sew Bias Tape (if using to make the ties)

Open the ends of the bias tape and fold them backwards so the right sides are touching each other. Sew a straight line along the short end of the bias tape making sure to backstitch. Turn the corner right side out to create a clean finish.

Find the center of the bias tape and position it at the center of the mask. Open the bias tape to align the raw edge of the bias tape with the raw edges of the mask. Pin in place along the length of the mask. Sew the bias tape in place along the crease closest to the raw edge, repeating this on the opposite side.

The filter slot should be facing away from you, this will be located on the backside of the mask.



Fold the bias tape upwards and encase the raw edge, pin in place and sew along the entire length of the bias tape 1/4th of an inch from the edge.



Step 6. Create Pin Tucks

Create 1/2" folds facing downwards. Pin the folds in place making sure all tucks are facing the same direction.



Step 7. Topstitch

Sew over the pintucks along the right and left edge of the entire mask using a 3/8ths inch seam allowance.



Step 8. Donate

Donations to AnMed Health may be dropped off at the screening tent outside the Emergency Room every day between 5:30 a.m. and 12 midnight.

