

Personal Protective Mask

Prepare Materials:

- Outer Mask Fabric Batik or High Thread Count Cotton
- Moisture Barrier..... No-Show Mesh or Similar Non -Woven Material
- Mask Lining A Different Color than Main Fabric
- Elastic..... 1/4" or narrower
- Nose Bridge Reinforcement.. Pipe Cleaner (or piece cut from Aluminum Pan)
- Thread All Purpose in a Matching Color if Possible
- Scissors Utility and Small Sharp for Cutting
- Pins or Clips Straight Pins or Sewing Clips
- Iron and Pressing Surface Place by Machine
- Sewing Machine Can be made with straight stitch only machine
- Sewing Machine Needle Sharp or Topstitch Size 90

1. Print pattern pieces actual size or 100% scale - DO NOT SHRINK TO FIT.
2. Fold main mask fabric right sides together, pin pattern to fabric and cutout mask fabric pieces along cut line. Cut two pieces of barrier fabric using same pattern. *Note: Multiple masks can be cut at one time.*
3. Place barrier fabric on wrong side of both main mask pieces and treat as one unit throughout construction.
4. Cut one each of the three pieces of mask lining A, B and C for each mask. Place the lining pattern pieces on a single layer* of lining fabric and cut all three pieces along cut line.
**Note: Cutting the lining on a double layer of fabric will create lining for two masks.*
5. Lining fabric should be a different color than the main fabric. On piece B, fold fabric on the dotted line to the wrong side of the fabric to create an opening in the lining when the mask is completed. Press the fold. The fold will be stitched during construction.
6. Cut two elastic pieces to a length of 5 ½" for a Small Mask and 6 ½" for a Large Mask .
7. Using utility scissors, cut a 3" piece of pipe cleaner. Fold in sharp ends about ¼" inch. *Note: Aluminum cut from a disposable pan can be also used. Cut a 1 ½" by 2" piece and then fold in sharp edges. This piece can be directly sewn onto the nose bridge of the wrong side of the main fabric.*

Construction:

1. Place both pieces of main fabric right sides together, raw edges even along the center front curved seam. Using a 3/8" seam, sew center fronts together. *Note: The barrier fabric and the main fabric are placed together and are treated as one piece of fabric.*

Make small clips in seam allowance. Make sure not to cut into seam. Fold the seam to one side and press. *Note: If you are using aluminum cut from a disposable pan, now is the*

1. *the time to stitch this piece centered onto the nose bridge of the wrong side of the main fabric below the seam line.*
2. On lining piece B, stitch along the previously folded edge about ½” from the fold.
3. Place lining piece A to lining piece B with right sides together with curved center seam raw edges together. Sew center seam using a 3/8” seam. Press seam to one side.
4. Place main mask and lining fabric right sides together. Match center seams. *Note: The lining piece B will not extend to the edge. This will be covered with piece C before we complete the mask.*
5. Sew top/nose seam and bottom/chin seam. Do not sew sides yet.
6. Place last lining piece C on the mask. Complete the top and bottom seams only on this piece. The side seams will be completed in the next step when the elastic is inserted.
7. Place pipe cleaner centered in seam allowance on top/nose. Zig zag over pipe cleaner to secure to seam allowance.
8. Make some small clips in the seam allowance along the top seam in the curved edge. Do not cut into the seam. This will help the fabric turn evenly along the edge after the mask is completed.
9. Sew elastic into the open side seams. Fold elastic into a “U” shape making sure that the elastic isn’t twisted.
10. Insert the elastic into the open seam. The cut end of the elastic should be even with the raw edge of the seam.
11. Stitch one side using a 3/8” seam and securing the elastic in the seam. Place the elastic about ¼” down from the previously sewn top seam. Stitch part way down the seam.
12. **VERY IMPORTANT! Back stitch over the elastic multiple times to attach the elastic securely.**
13. Before completing the side seam, place the bottom edge of the elastic about ¼” from the bottom seam. Repeat for the other side of the mask.

Complete:

1. Turn mask through opening in lining of mask. Push edges out and press.
2. Topstitch around mask about 1/8” in from the edge.
3. When stitching the sides, backstitch over ends of elastic to add extra security.
4. On lining side of mask, use a permanent marker to write Large or Small. This identifies the size of the mask and differentiates the lining from the outer mask.



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