

Sneeze Guard Mask

SIGMADESIGN Job # 22462

Assembly Instructions

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REVISION HISTORY

| Revision | Date | Revision Description | Author |
|----------|-----------|----------------------|-------------|
| 1 | 3/24/2020 | Initial publication. | Koko Wright |
| 1 | 3/25/2020 | Input into Template | AAVR |

DESCRIPTION & DESIGN INTENT

The Sneeze Guard Mask is intended as a cough/sneeze guard only. It is not N95 rated, and will not filter. It should be used only in conjunction with Social Distancing.

ASSEMBLY AND INSTALLATION

MATERIALS

| QTY | Description | Details |
|-----|------------------------------|----------------------------------|
| 2 | Shell Pieces | 100% cotton |
| 2 | Lining Pieces | 100% cotton |
| 1 | 2" nose wire | 18/2 CL-2 thermostate wire BR 50 |
| 1 | Toggle | |
| 1 | 40" cord or elastic | 3/32" tactical cord |
| 1 | Sigma Design fold-over label | |

TOOLS REQUIRED

- (1) Sewing Machine
- (2) Iron
- (3) Snips or Scissors
- (4) Seam Ripper (optional)

DEFINITIONS

Lining: the shorter pattern piece. This will be the inside of the mask

Shell: the longer pattern piece. This will be the outside fabric of the mask

Seam allowance: The amount of fabric left between the stitch line and the cut edge of the fabric

Right Side: right sides of the fabric. This refers to the side of the fabric that will be on the outside of the mask, the side that people will see. This will be the printed side of this fabric.

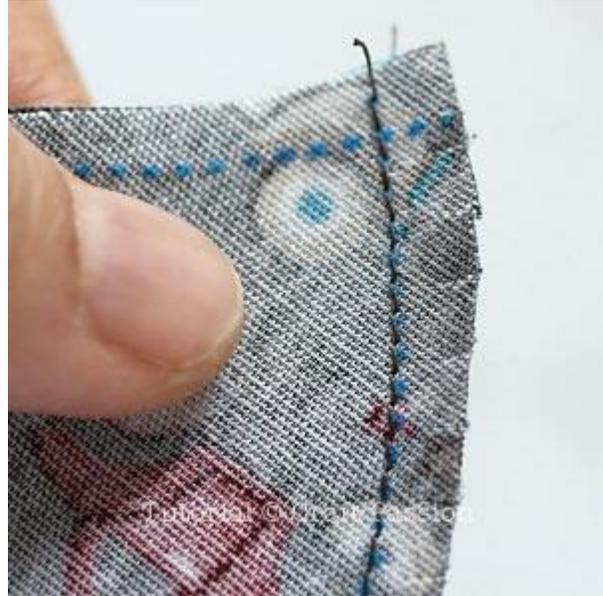
Clip: small cuts, perpendicular to the stitch line to release tension on a curve

Press: using an iron to make a seam lay flat

Back tack: the process of sewing backward and then forward on top of the same stitches 2-3 times to lock your starting and ending stitches in place.

ASSEMBLY INSTRUCTIONS

1. Right sides together, sew center seam of lining and shell. Clip and press seam allowances to the same side. These will match up later. Clipping your seam will make your seam look nicer when your mask is finished.



2. Right sides together, with lining on top, sew across top and bottom at $\frac{1}{4}$ ". Sew all the way across, starting at edge of shell, and only back tack where lining starts. This will make step 5 easier if you sew from edge to edge instead of just from edge of lining to edge of lining. Trim the seam allowance at the top of the center seam to $\frac{1}{8}$ ". This will make it easier when you get to step 6.



3. Holding the lining and shell by their center seams, pull the seams apart and tuck one half of the mask inside the other. Both center seam allowances should now be laying on top of each other. Stitch the seam allowances together between the current stitch line and the cut edge of the fabric. This will keep the lining and shell from pulling apart when the mask is finished.



4. Turn completely right side out, press
5. Topstitch bottom and top seam at $\frac{1}{4}$ "



6. Insert nose wire along topstitched tunnel on top of mask. Center the wire in the mask, and sew from the stitch line to the edge of the mask, and back twice at each end of the wire to secure it.



7. Fold under open edge $\frac{1}{4}$ " and press. Fold excess shell over lining, using the end of the lining as your fold line and press. Edgestitch down elastic tunnel.



- Center Sigma label on the wearer's LEFT elastic tunnel (label should read DOWN), stitch.



- Thread elastic through the tunnels, thread stopper onto the elastic, and tie a knot in the end of the elastic. Tails on the knot should be even and about 1/2" long.



THINGS TO MAKE YOUR LIFE EASIER

- If you are using pins, pin perpendicular to your sew line, this makes them easier to remove during sewing, but DO NOT sew over pins.
- If you need to seam rip something, the fastest way to do this is to cut the bobbin thread in a few places and pull that out.
- Make sure there is water in your iron and the steam is turned on. Cotton loves steam. If there is no water in your iron, it will start to spit chunks and stain the fabric.
- You only need to backtack 2-3 stitches, this is plenty to lock down your thread.