

N95 mask cover from surgical wrap material

This mask cover is intended to be worn
OVER a protective N95 respirator, not alone.



Supplies needed:

PLEASE DO NOT USE AN IRON AS THIS WILL DAMAGE THE MATERIAL.

- **New** medical grade surgical wrap material (single layer)
- 6" of wire for top of mask nose piece made from one of the following materials:
 - A 6" twist tie (a recycled bread twist tie is about 4" long, so twist two together to make 6")
https://www.amazon.com/CandyHome-Paper-White-Twist-Bread/dp/B07PW6Z1JG/ref=sr_1_7?dchild=1&keywords=bag+twist+ties&qid=1585925652&sr=8-7
 - Vigoro PVC coated plant wire cut to 6"
<https://www.homedepot.com/p/Vigoro-50-ft-Heavy-Duty-Coated-Wire-T025BVG/203894420>
 - Floral wire (22 or 24 gauge) cut to 6"
https://www.amazon.com/Darice-Paddle-Wire-22-Gauge-Green/dp/B001K7QAYM/ref=sr_1_4?dchild=1&keywords=floral+wire&qid=1585925516&sr=8-4
- Scissors
 - Alternative: Cutting mat, ruler and rotary cutter
- Sewing machine
- Thread - all purpose, cotton or polyester
- Sewing clips or paperclips as needed (NOTE: used in place of pins to avoid holes in fabric)
 - Alternative: Pins
- Ear loops made from one of the following materials:
 - Latex-free 1/4" elastic: Two pieces cut to 9" each
 - Elastic wrap (from the bandage aisle, NOT sticky, NOT adhesive): Cut into 9" lengths. Sub-cut into 1/2" widths (needs to be 1/2" wide because pills and unravels easily, so 1/4" does not wear well)
https://www.acebrand.com/3M/en_US/ace-brand/products/-/ACE-Brand-Elastic-Bandages/?N=4304+3294605848&rt=rud
 - Alternative: 2 pieces of Lastin brand clear elastic, cut to 11"
<https://www.londas-sewing.com/product-page/lastin>

Directions:

This mask cover uses **new** medical grade surgical wrap material (single layer).

- 1 Cut one piece of the surgical material 10" x 7". If you are using a cutting mat, ruler and rotary cutter – cut 7" strips and then sub-cut into 10" pieces.

 - Top and bottom = 10"
 - Sides = 7" before pleating, 5" after pleating

Note: Cut around and set aside any material with tape, tears or holes. Do **not** use marked or damaged pieces for masks.
- 2 Snip or mark your material about 1/4" in from the edge on both 7" sides at the following places:

 - 3" down from the top edge
 - 4 1/4" down from the top edge
- 3 Create a casing along top 10" edge by folding 1/2" down and stitching (1/2" seam). Insert wire so it is centered as you sew. Backstitch at beginning and end.
- 4 Make 5/8" pleat. Fold the material in on itself to make a pleat using the snips (or marks) as a guide, matching up the two snips (or marks) at 3" and 4 1/4". Top stitch this side using a 1/4" seam to sew the pleat down. Repeat on the other side. When finished, the pleat should be facing down when looking at the front (right side) of the mask. The final mask should be 5" deep.
- 5 Attach the ear loops to the mask. Lay one piece of ear loop material flat along one side. Fold the surgical material over the ear loop and encase it using a 1/2" seam (**don't** stitch the ear loop material **into** the seam, just encase it. This is challenging if you are using 1/2" cut elastic wrap material, but you can do it!). Backstitch at beginning and end to secure. Repeat on the other side.
- 6 Create a circle (loop) with the ear loop material by overlapping the ends of the elastic or elastic wrap 1/2" and stitching back and forth to secure. Lastin can be looped by tying the two ends into a knot x 2. Rotate the loop through the casing so seam or knot is hidden.
- 7 The bottom edge is unfinished – you are done!

Special thanks to Ms. Susan Berns from Fairy Finery (Golden Valley, Minnesota) for developing this N95 mask cover pattern: <https://www.fairyfinery.com/>