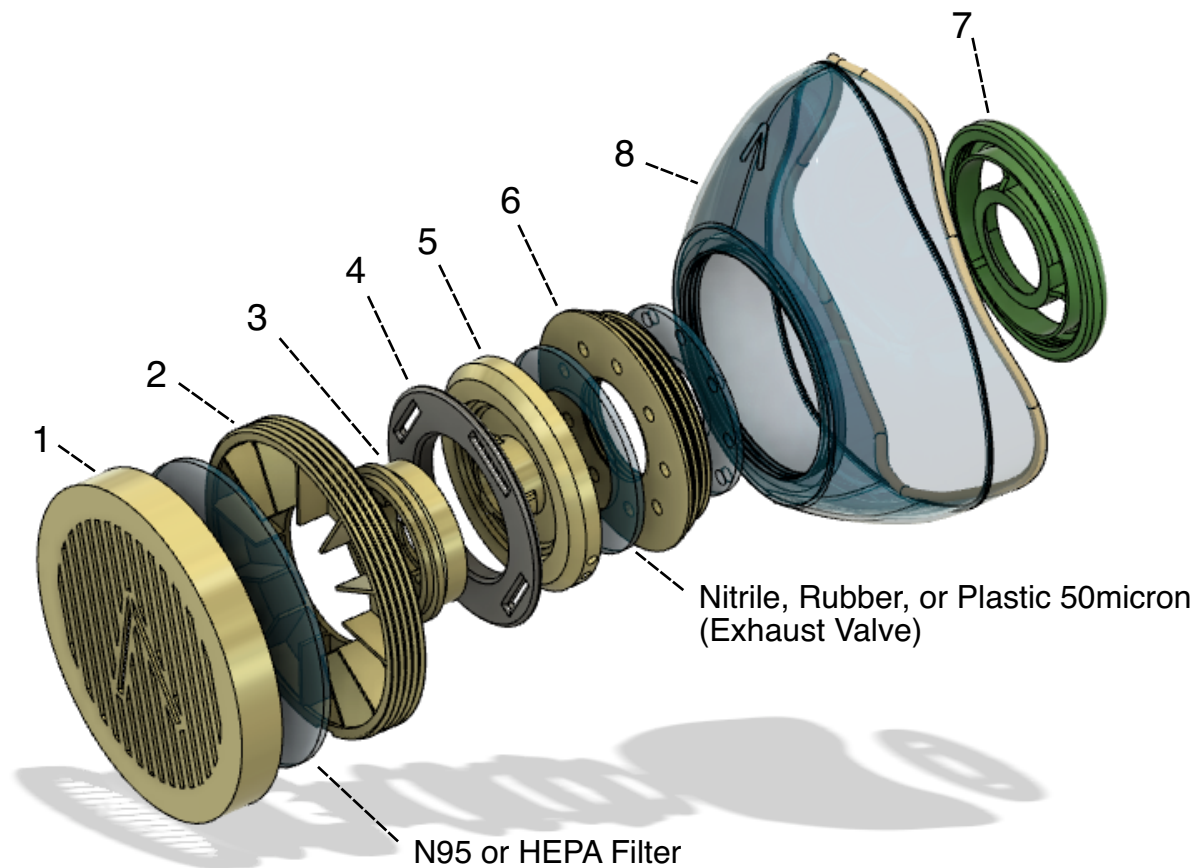


VMO MASK V4 (Respirator)



VMO MASK V4 (RESPIRATOR)

	#	STL	gr	Support
FILTER	1	FILTER CAP CIR80	18	
	2	FILTER CIR80 (A)	15	
	3	FILTER CIR80 (B)	6	
	4	ElastSup	6	
3M	5	3M (A)	20	yes
	6	3M (B)	12	
	7	3M Filter	9	yes
MASK	8M	MASK V4 (M)	31	
	8L	MASK V4 (L) +10%	41	
	9	CLIP V4 (Need 2)	6	
	10	MOLD V2 (Silicone Optional)	44	

Support: *Touching Build Plate*

INSTRUCTIONS

I recommend doing the Horizontal Expansion Test, to verify if the printer is correctly calibrated, before printing the parts

TEST: HorizontalExp.stl

1.- Print all parts

(Included two sizes of Mask, I recommend start print with size M)

2.- Past part #2 with part #3 (Filter) using SUPPER GLUE

3.- Make 80 mm N95 filter or 80mm HEPA filter

4- Make two 80mm FELT filter

5- Assemble the filter: FELT-N95-FELT

I recommend use VASELINE in all threads, and screw several times back and forward, to loose the threads.

6.- Screw part #6 on the mask

7.- Put Nitrile, Rubber, or Plastic 50micron
(Exhaust Valve) OD: 54mm ID: 31mm

8.- Screw part #5 on #6

9.- Cut two elastic bands (15mm) length 60cm and put part #4 with elastics, and the FILTER on the mask.

10- Cut FELT OD:50mm ID: 22mm (Exhaust Valve Filter)

11- Screw part #7 with filter from inside

You can make your own SILICONE sealer using the MOLD included or this other alternative:

<https://www.youtube.com/watch?v=bpcbeetAats&t=16s>

Enjoy your Mask

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