

3D PRINTED MASK - SUGGESTIONS FOR USE

*** Please note these are manufactured using school-grade 3D printers and are not created in a sterile medical environment. They are the best we can make with our current resources and ARE NOT N95 masks/medical devices. These masks ARE NOT intended for full medical protection in high risk settings such as the ICU, ER, or surgery. They should be used in low-risk situations and treated the same as hand sewn masks. The suggestions below should help you with using these masks in the best way possible. If you feel it is not creating a good seal, please dispose of. Thank you for your work and dedication to our communities!! Be well!***

Overview:

- Your mask has come with a set of rubber bands, string, or elastic band.
- You may untie them and retie them to get the desired fit.
- If your mask has rubber bands, we recommend double knotting them as they have a tendency to become untied after being stretched.

How to Wear:

- If you have glasses, remove them first and slide both rubber bands/elastic bands over and behind your head.
 - As you bring the mask down onto your face, you may want to tilt it downward if it feels tight against the bridge of your nose.
- If your mask has a string attachment, place the mask on, put the top string over your ears and around your head and pull both bottoms tight to secure around your face. Tie string securely.
- The mask should fit securely and create a seal on the inner part of the mask where your face makes contact.
 - If you feel the seal is too loose, you can tighten the rubber bands/elastic or string.
 - It will LOOK as if the mask is not making a seal from the outside. This is because your face will be making contact with the mask from the inside.

Imperfections:

- These masks were manufactured using a school grade 3D printer and may not be perfect (even though we did the best we could!).
- If any part of the mask feels sharp or uncomfortable on the face you can fold up a small piece of tissue, paper towel, gauze, or cotton rounds and attach to the edges of the mask with medical tape or band-aids to increase comfort.

Molding:

- You can also try to mold the edges of the mask to fit your face better.
- Bring about 1" - 1 ½" of water to a boil. Using tongs, lower the mask (with the rubber bands removed) into the boiling water filter side up and hold it in place for 10-15 seconds.
- Be careful, the mask will be hot!
 - Once it is at an acceptable temperature, bend the edges, or hold the mask to your face for a few seconds to mold the plastic to your desired fit. Repeat if necessary.

Replacing the Filter Pad & Cleaning:

- Grab the front filter piece and rotate it clockwise to unlock the filter pad.
 - Remove the old pad and insert a new one.
 - Align the filter piece with the holes and turn counter clockwise to lock it back into place.
- New pads (100% cotton cosmetic makeup remover rounds) can be ordered from Amazon or found at local dollar stores and pharmacies.
- You can also try to clean the plastic portion of the mask by removing the cotton pad, wetting both pieces and microwaving for 3 minutes.
- If you have an autoclave and/or UV light, these could work too, if time allows.