

Directions to Make 3D Printed Mask

Printing the Files

- Two .stl files need printed per mask and are located at www.LongLiveYourSmile.com
- We suggest PLA material
- Takes 3 hours and varies printer to printer
- Designed to be printed without supports
- Print an array if possible, source file is included if one would like to modify
- Designed for Adult Large, scale to 90% or less for smaller masks

Making the Mask

- Sand around the edge touching face with 200 + sandpaper
- Fasten elastic cord to the attachments and adjust to desired tension
- Elastic chord, string, straps, or any variation can be used as ties

Placing Filter

- Existing clinical masks can be used as a filter by cutting them into 2.5 in squares, can get 6 filters from one mask
- Replacement filters can also be ordered from High Tech Filters Shane Rekdal 800-785-6985 or email shane@flowmarkhightech.com
- Place filter material on the inside of the mask and fasten by pushing holding ring and filter together into space

Aseptic Technique

- These masks are reusable, but each person should have their own
- Masks can be cleaned and disinfected by soap and water as well as disinfectant agents
- Practice good hygiene by washing hands before and after changing filters and removing mask
- Clean mask often, change filter often

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