

# Print from Home Instructions

How can you HELP during COVID-19?

If you have a 3D printer and want to assist with the PPE shortage in Ireland then please feel free to use the file listed below and get in contact with your local healthcare institution for delivery. We recommend getting in contact with Nursing Homes, Family Care Clinics and Pharmacies as they do not receive the same supply priority and are essential services.

3D Technology Face Shield

**Click the following link for printing file (Design Credit: Johannes Warner)**

<https://www.dropbox.com/sh/kjnyr9u1rhbrbvo/AADSS0gLqQTZ5Y1xiuKDyBsVa?dl=0>

Sizing; 193 x 144 x 14 mm

Recommended Settings;

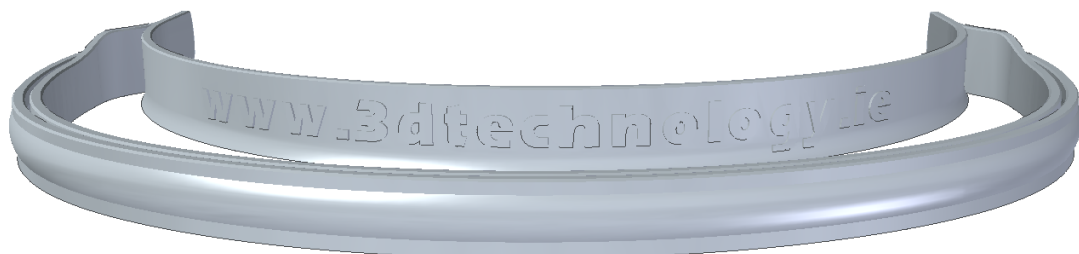
Layer height 0.325 mm

Nozzle size 0.8mm set to 1mm

Printspeed 60mm/s

Print time 22 mins/headband

Material PLA/PETG 28gr/headband





1. Contact your local Healthcare institution you want to assist.
2. Print File.
3. After post processing, wipe down with IPA and/or submerge in IPA bath to ensure sterility.
4. Place inside of sterile bag and seal.

Please ensure you wear gloves and a mask while interacting with the pieces.

To complete the Face Shields you will need to source;

A4 PETG sheet horizontally

Elastic strap for back of head connection

If you have any questions, please contact us at [sales@3dtechnology.ie](mailto:sales@3dtechnology.ie)

Thank you for your assistance during this time and we wish you the best of luck!

Stay Safe