DFW Face Shield Printing Instructions

What we are making –

The plastic frame AND bottom support for the USA version of the Prusa face shield.

File locations -

Single Face Shield Frame File:

https://media.prusaprinters.org/media/prints/27950/stls/279246_889c86a0-fb34-4a85-bf74-7a0d086b8793/covid19_headband_rc3us_1pc.stl#_ga=2.184259311.853374812.1585747866-49168952.1585589153

Also, please print one bottom reinforcement per face shield, using this file:

https://drive.google.com/open?id=1YvkI-2_fUwLEwE4Dg1y_7AQqpZuzx9Ne

Further information about the files can be found here:

https://www.prusaprinters.org/prints/27950-prusa-protective-face-shield-rc3-us-version#_ga=2.218995280.853374812.1585747866-49168952.1585589153

Filament -

It doesn't matter what material you use (PETG, ABS, PLA, etc.) or what color filament you use. Use whatever filament you have on hand or can acquire quickly. If you have to purchase filament, PETG is preferred, but not necessary.

Slicer Settings -

You know your printer, so slice the model using the normal settings for your printer and material. However, we do suggest that you set the layer height to 0.25mm and print with at least 3 perimeters (if you use a 0.4mm nozzle, 2 perimeters if 0.5mm or larger), and 25% or 30% infill.

Cleanup -

My parts were quite stringy (a lot of fine fibers hanging off). If your parts are a little stringy, please try to clean the strings off before dropping them off to us.

No sterilization is required as we will handle them carefully and the end user will sterilize them before using them.

Drop-off Location-

Drop your printed parts off at Chase Oaks Church (281 Legacy Dr., Plano, TX 75023). There will be cardboard boxes under the covered walkway leading up to the main entrance on the Legacy Dr side of the building. Drop your prints in the boxes starting on Wednesday, April 8th or any day after this up until you receive an email stating that the need is over.

Communication or Questions -

You can email us at DFWPrintFaceShields@gmail.com.