

COVID SKUNKWORKS

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COVIDVISOR_RC2_v2 PRINTING INSTRUCTIONS:

Scale model to 2540% to convert from inches to mm
cut 0.2mm off of the bottom of the model for better adhesion if your print fails on the first layer

Filament: PLA or PLA+

First Layer Height: 0.15mm

Layer Height: 0.2mm

Perimeters: 10 - 11

Infill: 10% any pattern

Top/bottom layers: 0 each

Extruder temperature: 220 - 225 C

Bed temperature: 60 C

No supports

No brim!!

No raft

Can print STL at 125 - 150% normal speed on Prusa i3 or Ender3 printers without issue, just increase extruder temperature by ~5 degrees C

Can fit two prints on one bed for Prusa i3 and Ender3 printers, just nest them together

Two faceshields take ~12 hours on a Prusa i3 at 100% speed or ~8 hours at 150% speed

Two faceshields consume ~49.5m of PLA filament at 1.75mm diameter

Due to limited bandwidth and staffing, Talent Maker City cannot provide tech support for your 3D printer. Reach out if you're having trouble with the prints, but please research solutions on your own before contacting us.