



Prusa Face Shield - Stack ver.



Prusa Research

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Summary

1h 20min per pcs Stacking versions of Prusa Protective Face Shield - RC3 A prototype face shield that we developed.



17.57 hrs



2 pcs



0.25 mm



0.40 mm



PET



548 g



Prusa
MK3/S/S+

[Healthcare](#) > [Home Medical Tools](#)

1h 20min per pcs

Stacking versions of [Prusa Protective Face Shield - RC3](#)

A prototype face shield that we developed. In three days, we went through dozens of prototypes and two verifications with the Czech Ministry of Health.

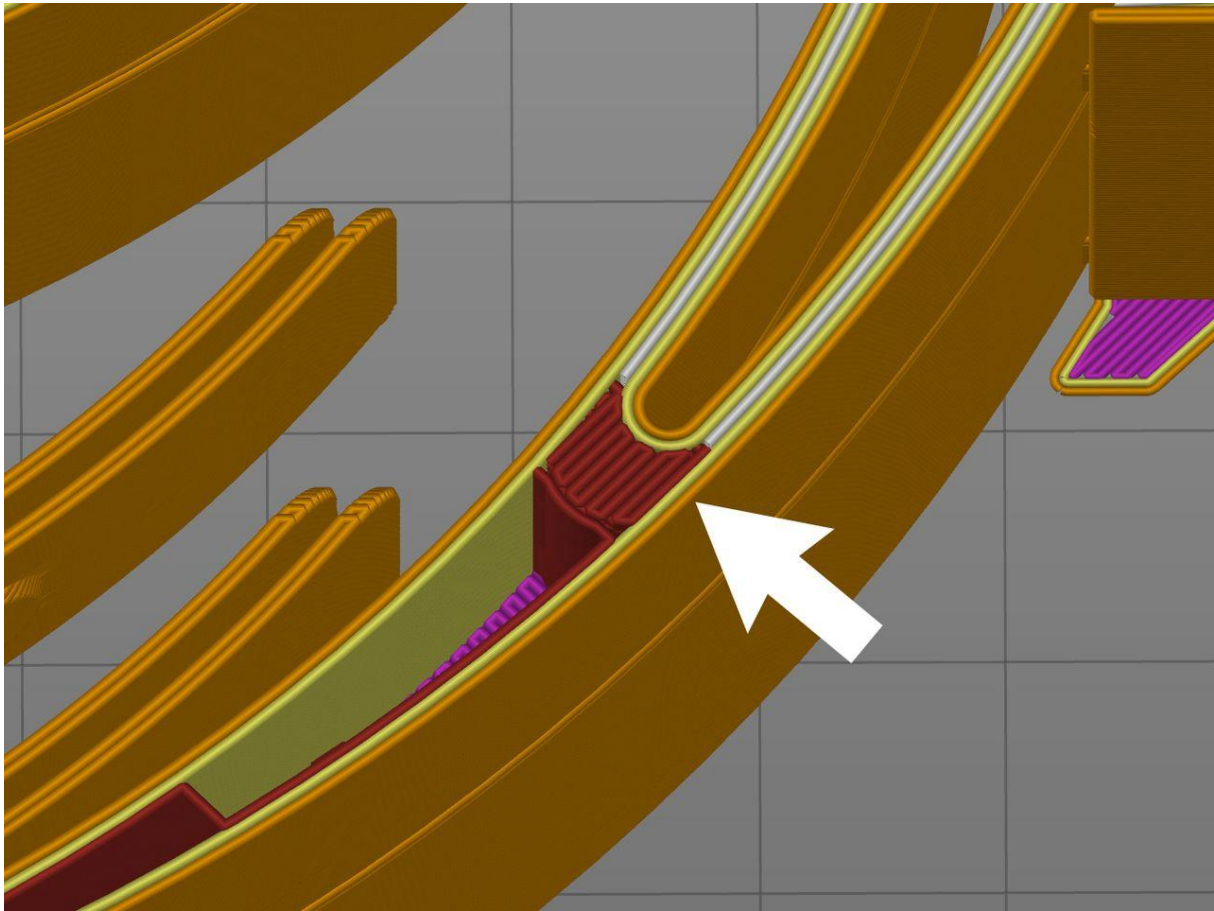
Provided G-codes are only for Original Prusa i3 MK3/S printers. Do not run the G-codes on other printers. Risk of damage.

We provided two options, including reinforcement parts:

- 4 pcs on the print bed (2 stacks, each with 2 headbands)
- 8 pcs on the print bed (2 stacks, each with 4 headbands)

Version RC3.2 - 1. 4. 2020

We uploaded new 3MF files and G-codes that have increased infill in the spot, where the visor goes away from the headband. The STL file remains unchanged.



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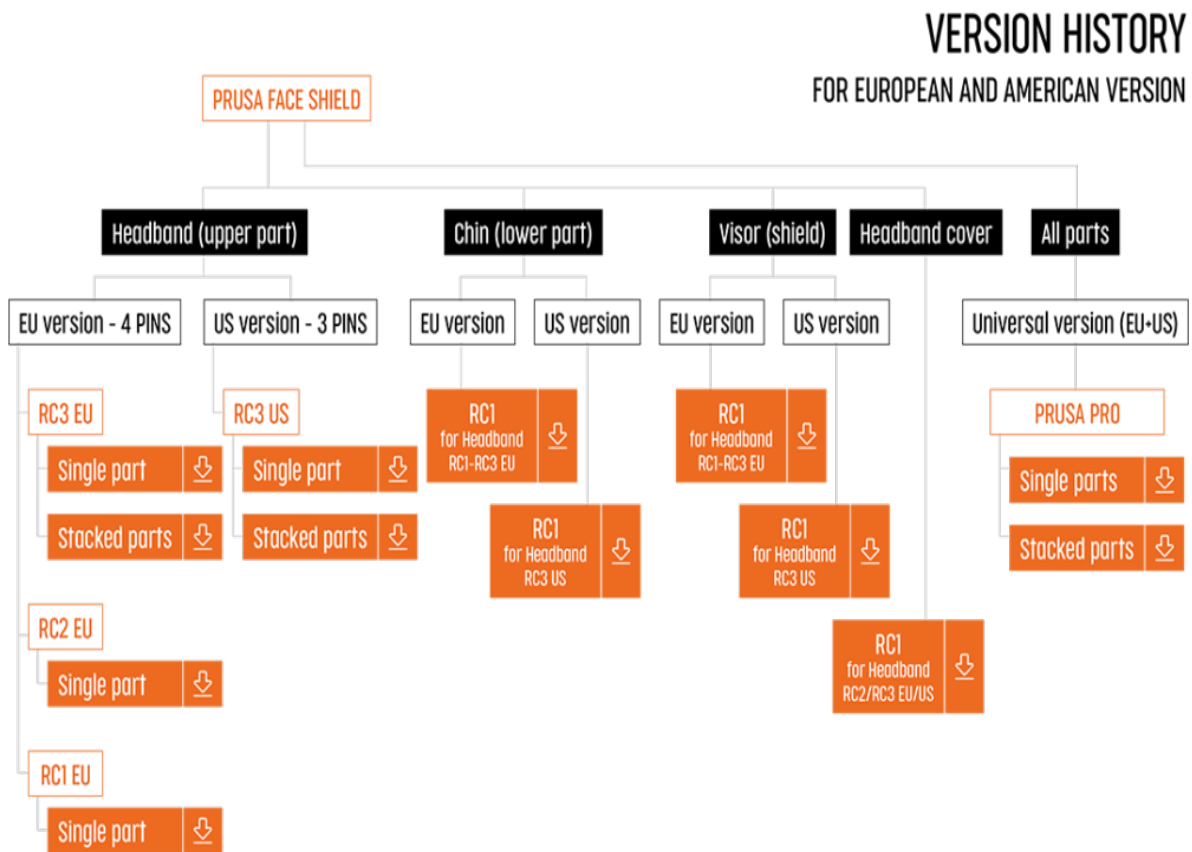
Version RC3.1 changelog

Changes from RC3

- Fixed missing supports under two pins in the second headband

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The printer will be running at increased speeds. **Expect louder operation and make sure your printer is in good shape** before running this G-code. [Check the Maintenance guide.](#)



Print instructions

Supports are included in the model.

Print with at least 2 perimeters, and 5% infill. The model is optimized for a layer height of 0.25mm.

Print it from PETG, headbands from other material can be brittle with these print settings.

This remix is based on



Prusa Face Shield

by Prusa Research

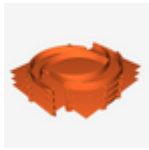
Model files



covid19_rc32_4pcs_complete_fixed.3mf



covid19_headband_double_rc31.stl



covid19_rc32_8pcs_complete_fixed.3mf



covid19_headband_quadro_rc31.stl

Print files



covid19_rc32_4pcs_complete_025mm_pet__5h45m.gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.25 mm ⌚ 5.75 hrs ⚖ 180 g 🖨 Prusa MK3/S/S+



covid19_rc32_8pcs_complete_fixed_025mm_pet__11h.gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.25 mm ⌚ 11.82 hrs ⚖ 368 g 🖨 Prusa MK3/S/S+

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