



Prusa Protective Face Shield - RC3.1 - stack versions



Prusa Research

[VIEW IN BROWSER](#)

updated 27. 3. 2020 | published 27. 3. 2020

Summary

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 RC3.1 changelog Changes from RC3

- Fixed missing supports under two pins in the second headband

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.](#)



16.42 hrs



2 pcs



0.25 mm



0.40 mm



8



540.00 g



MK3/S

Supports are included in the model. Print with at least 3 perimeters, about 30% infill. The model is optimized for a layer height of 0.25mm.

Ideally, print it from PETG.

This remix is based on





Prusa Protective Face Shield - RC3

by Prusa Research



Print Files (.gcode)

[↓ DOWNLOAD ALL FILES](#)

72×72	covid19_rc31_4pcs_complete_025mm_pe updated 27. 3. 2020 ⌚ 5.31 hrs ⚖ 0.25 mm 📏 0.40 mm 🌀 PET ⚖ 179.00 g	17.7 MB	
72×72	covid19_rc31_8pcs_complete_025mm_pe updated 27. 3. 2020 ⌚ 11.11 hrs ⚖ 0.25 mm 📏 0.40 mm 🌀 PET ⚖ 361.10 g	36.6 MB	

Model Files (.stl, .3mf, .obj, .amf)

[↓ DOWNLOAD ALL FILES](#)

72×72	covid19_rc31_4pcs_complete.3mf updated 27. 3. 2020	479.4 KB	
72×72	covid19_headband_double_rc31.stl updated 27. 3. 2020	1.6 MB	

72x72

covid19_rc31_8pcs_complete.3mf

updated 27. 3. 2020

894.5 KB



72x72

covid19_headband_quadro_rc31.stl

updated 27. 3. 2020

3.9 MB



License ©

This work is licensed under a

Creative Commons (4.0 International License)



Attribution-NonCommercial

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition