Prusa Protective Face Shield - RC3.1 - stack versions

Prusa Research

VIEW IN BROWSER

updated 31. 3. 2020 | published 27. 3. 2020

Summary

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 RC3.1 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.

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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 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 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)

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72×72	**covid19_rc31_4pcs_complete.3mf** updated 27. 3. 2020	479.4 KB

	covid19_headband_double_rc31.stl	1.6 MB	↓
72×72	updated 27. 3. 2020		

	covid19_rc31_8pcs_complete.3mf	894.5 KB	↓
72×72	updated 27. 3. 2020		

	covid19_headband_quadro_rc31.stl	3.9 MB	↓
72×72	updated 27. 3. 2020		

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