

Stackable Faceshield-band with integrated cap.



Bas

[VIEW IN BROWSER](#)

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Summary

Stackable Faceshield with integrated cap.

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Stackable Faceshield with integrated **cap**.

Print instructions

This is a stack-able design of the EU face shield with an integrated cap.

A test with a print of two stacks of 4 pieces with a layer height of 0.3 mm and a speed setting of 180% went fine

A test with two stacks of 2 peaces with speed settings of 100%, 150% and 170% went fine.

A test with 0.4 mm layer height resulted in prints that break too easily.

The remixes of other headbands with caps inspired me to design a stackable version that is still flexible and quick to print. This is my 7nd and best version. The cap is 1mm thick, making it both strong and flexible.

I print the face shields with a 0.6 nozzle with the standard prusament-PETG settings. Than I speed up the print by changing the speed setting on the printer itself up to 180 % (for the version with a layer height of 0.3 mm). The print time of this faceshield is than reduced to approx 1h30m

per piece.

I had to change the extrusion multiplier in prusa slicer to 0.95 to avoid blobs, but this might be set differently for your Prusa MK3.

This remix is based on



Prusa Face Shield - Stack ver.

by Prusa Research



Prusa Face Shield

by Prusa Research



Prusa Face Shield - Cover

by Prusa Research



Face Shield Remix

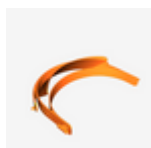
by Merkif



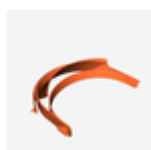
Add-on Top Shield/Visor - US/A4

by FlyBy Tom

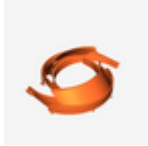
Model files



covid19_headband_rc3_capv7_textpetg.3mf



covid19_headband_rc3_capv7_textpetg.stl



covid19_headband_rc3_capv7_textpetg.3mf



rc3_cap7_stack2_layer03_petg.dwg



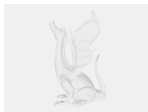
rc3_cap7_stack2_layer03_petg.stp



rc3_cap7_stack2_layer03_petg.3mf



rc3_cap7_stack2x4_layer03_petg.dwg



rc3_cap7_stack2x4_layer03_petg.stp



rc3_cap7_stack2x4_layer03_petg.3mf

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