



Star Trek Replicator heat warning badge for printers



Monarch

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Summary

A fun way to warn people and children not to reach into the hot print area.

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This is my first design since getting into 3d printing. With a small child at home and friends not familiar with 3D printers, I wanted to warn people of burn risks with the printer while keeping things fun and attractive.

Since I look at 3d printers as early versions of real world Star Trek replicators, I decided to make a sign that went all in on that theme. Starfleet logo, and the text reads:

Replicator

Warning

Matter/energy conversion in progress

Keep hands out of matter stream

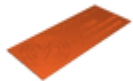
The STL and file print well at 0.2 mm layer height and standard .4mm nozzle. If you have a smaller nozzle, you can shrink it while keeping lettering detail.

The 3mf is set to do the 2 tone color in Prusaslicer, where the printer will pause, have you change filament and keep going. It's also set to use Archimedean Chords for top and bottom infill pattern, which is the nice circular effect shown in the print image. Obviously you can set your preferences to taste.

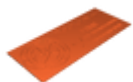
Final Print should easily attach with double sided tape, velcro etc. to a workbench, enclosure, etc.

I appreciate all feedback and constructive criticism since it's my first design. Thanks!

Model files



star-trek-heat-warning-sign.3mf



star-trek-heat-warning-sign.stl

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