



Replacement drip tray for the GRP1060B 4 Serving Foreman grill

N NC10

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Summary

Replaces the drip tray on a large foreman hamburger grill. The OEM replacement part is often out of stock online.

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Sept 2023 Update: Improved Design Now Available Here:

<https://www.printables.com/model/586801-improved-replacement-drip-tray-for-the-grp1060b-4->

Somehow lost the drip tray/catch pan for my 4-serving George Foreman Grill (GRP1060B). Designed a replacement using Morphi. I printed a version in Monoprice PLA and in Proto Pasta HTPLA , and then annealed the parts in a toaster oven for 15 minutes.

I wanted to be able to run this part through a dishwasher, and to be able to collect hot grease without warping. Annealing PLA should allow this PLA part to hold up at temperatures in the 70C (158F) range (not many dishwashers go above this temp). I "annealed" the PLA at 90C (194F) and the HPLA at 107C (225F) in an electric toaster oven for 15 minutes. I set the parts on a piece of parchment paper on flat pan in the preheated oven

for ~ 15 minutes, then let the parts cool in place for more than an hour after turning off the heat. Slow cooling is reported to be better than fast cooling.

During heat treating, the parts changed dimensions a little, the width dropped by about 6 mm (1/4") in my case, from 286 to 280 mm.

If the pan you use is not perfectly flat, the part will deform slightly during annealing, approaching the shape of pan.

I printed on a Prusa I3 MK3S and used 100% infill to improve mechanical strength and temperature resistance. I used PLA, but PETG or ABS would be as good or better choices, with better temperature resistance.

This part is 11.25" wide. Barely fits on the print bed diagonally. See the screenshots attached here for recommended print orientation. A 10.5" version would probably work ok. The cooking area on this grill is 9.5" wide, while the overall width of the grill is 10.5" No supports are required, though a brim would reduce the chance of warping.

This part uses 67 gms filament (PLA), and takes 5 hours to print in 0.2mm quality mode. In 0.3mm draft mode, which I used, the print time is < 3 hours. I've used these for over a year, have held up well.

[Image of the original part](#) at Walmart.com

Model files



[george_foreman_drip_tray.stl](#)

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