



Filament Waste Bin

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Summary

This is a trash bin for excess filament.

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This is meant to be hung with double-sided tape but the Solidworks file are there if you want to make modifications to add screw holes or something like that. I created the parts in one file so one file has both the bin and hook. **The stl contains both the hook and bin**, so if you only want one of them then split them to objects in the slicer.

It has a 3mm thickness so it can stand on its own and it won't be crushed if you bump into it.

Print recommendations:

Layer Height: 0.2mm

10% Infill

Random Seam Position

Edit

I created a new mount version with a deeper and larger back for double-sided tape. This makes the mount more snug with less wiggle room and it makes the bin more flush with the surface.

Edit - 4/3/24

I've added a new bin style tailored for wider storage needs. This model is much wider, making it perfect for larger filament strips. Its much slimmer for those who want a low-profile bin. I've included 2 sizes (175mm and 220mm internal width) but you can edit it to your needs. It has a shell thickness of 2.5mm. It's compatible with the standard hook model, so you just need to print the new bin.

Model files



Original Bin

2 files



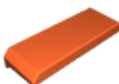
filament-trash-bin.stl

filament-trash-bin.sldprt

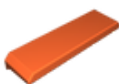


Wide Bin

3 files



filament-trash-bin_wide_175mm.stl



filament-trash-bin_wide_220mm.stl

filament-trash-bin_wide.sldprt

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