



4funnel - rainwater collector (stackable to cascade)



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Summary

PET bottle upcycling prototype of stackable rainwater collector to substitute big barrels.



14.19 hrs



1 pcs



0.20 mm



0.60 mm



PET



247 g



Prusa MINI /
MINI+

[Household](#) > [Outdoor & Garden](#)

Tags: [stackable](#) [petbottlecap](#) [rainwatertank](#) [petbottle](#)
[rainwaterbarrel](#) [raincollector](#) [rainwatercollector](#)

If you want to collect rainwater, but don't want to have huge barrel under your gutter, this is solution for you! Instead of throwing empty PET bottle to sorted plastic waste (where else would you throw plastics) you can use this 4funnel to collect rainwater for watering your plants or whatever you would like.

This collector is simple, just collect 4 PET bottles of same height, screw them into this collector (4funnel) and you are ready to collect. You might catch something pretty muc everywhere, but to get best results, I

suggested to put 4funnel under your broken gutter (roof drainage). If you have more bottles, print more 4funnels and stack them into cascade. Once first one is full, water would bypass through overflow (drainage) to second one, then third one etc. For stacking you should maybe help yourself with some tube or trough.

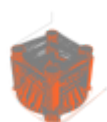
I have optimised 4funnel to fit to my Prusa MINI+ printing space. It is printed from PETG since it is expected to work outside under sunlight. I have used just minimum supports, but for better quality of the bottom of the bowl there should be maybe more supports.

Model files









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Print files



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 PET  0.60 mm  0.20 mm  14.19 hrs  247 g  Prusa MINI / MINI+

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