



Sandglass timer

 **RadekP**

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Summary

Simple sandglass timer filled with coarse flour (in fact it can be filled with suger, salt,... and sand)



1.12 hrs



1 pcs



0.20 mm



0.40 mm



PLA



6 g



Prusa
MK3/S/S+

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Tags: **timer**

Sandglass timer is composed of the body and two covers. All parts are printed at once in vase mode (see attached 3mf file) using following settings:

- 0.20mm layer height
- spiral vase
- bottom layers 2
- printed from transparent PLA (Filament PM, Gembird)

WARNING: when attaching covers, do not hold the body in the middle (thin connection channel) otherwise it is easy to crack it

Attach bottom cover on bottom of the body (not necessary but it is better when both ends look the same). Then fill with coarse flour (or fine sand, fine crystalic suger, salt,...) and finally attach top cover.

Timer runtime is approx 30 sec.

Model files



sandglass-cover001.stl



sandglass.3mf



sandglass-body001.stl

Print files



sandglass_02mm_pla_mk3s_1h7m.gcode

PLA 0.40 mm 0.20 mm 1.12 hrs 6 g Prusa MK3/S/S+

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