



Silica Box no Retract



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[VIEW IN BROWSER](#)

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Summary

Silica Box no Retract with Hygrometer fast printing



9.30 hrs



6 pcs



0.20 mm



0.40 mm



PET



142 g



Creality
Ender 3 S1

[3D Printers](#) > [Accessories](#)

Tags: [no](#) [silica](#) [hygrometer](#) [silicabox](#) [silicacontainer](#)

English:

These silica boxes are very easy and quick to print without retract. The layers change every 6 layers: 6x circuit then 6x gear circle then again 6x circuit etc. See also the pictures of Cura Slicer. The annoying up and down of the retract is eliminated and is therefore easy and quick to print.

There are 4 variants box:

1x round H31.2xD50mm with hygrometer for H50mm spools

1x round H50.4xD50mm only with cover for H50mm spools

1x round H59.8xD50mm with hygrometer for H80 to H90mm spools

1x round H76.8xD50mm only with lid for wide spools H90 Plus spools

You can combine it with a lid or a hygrometer. The thread is the same for all boxes.

Filament PETG can also be printed with PLA

Nozzle 0.4mm

Layer height 0.2mm

No supports

Speed 50-60mm/s

For high-speed filament, you may need to test and adjust the speeds.

The gaps are so small that no silica balls fall out. Nevertheless, it absorbs moisture very well. In a closed box down to 10% humidity.

Happy Printin

Deutsch (German)

Diese Silica Boxen sind sehr einfach und schnell zu drucken ohne Retract. Die Schichten wechseln sich alle 6 Schichten: 6x Kreislauf dann 6x Zahnradkreis dann wieder 6x Kreislauf etc. Siehe auch die Bilder von Cura Slicer. Das lästige auf und ab beim Retract fällt weg und ist deshalb einfach und aschnell zu drucken.

Es sind 4 Varianten Box :

1x Rund H31.2xD50mm mit Hygrometer für H50mm Spoolen

1x Rund H50.4xD50mm nur mit Deckel für H50mm Spoolen

1x Rund H59.8xD50mm mit Hygrometer für H80bis H90mm Spoolen

1x Rund H76.8xD50mm nur mit Deckel für Breite Spulen H90 Plus Spoolen

Kann man egal kombinieren mit Deckel oder mit Hygrometer. Das Gewinde ist bei allen Boxen gleich.

Filament PETG kann auch mit PLA gedruckt werden

Düse 0.4mm

Schichthöhe 0.2mm

Keine Supports

Speed 50-60mm/s

bei Highspeed Filament evtl. Testen und Geschwindigkeiten anpassen.

Die Spalten sind so klein, so dass keine Silica Kugeln rausfallen. Trotzdem nimmt es die Feuchtigkeit sehr gut. Bei einer Geschlossenen Box bis 10% Feuchtigkeit runter.

Hapy Printing!

Model files



silica-oben-rund-h72mm-d50.stl

📄 STL File created with Fusion 360



silica-unten-rund-h312xd50mm.stl

📄 STL File created with Fusion 360



silica-unten-rund-zum-runden-hygrometer-h504mm-d50.stl

📄 STL File created with Fusion 360



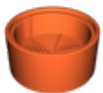
silica-unten-rund-zum-runden-hygrometer-h598mm-d50.stl

📄 STL File created with Fusion 360



silica-unten-rund-h768mm-d50.stl

📄 STL File created with Fusion 360



silica-oben-rund-mit-runden-hygrometer-h242mm-d50.stl

📄 STL File created with Fusion 360



silica-oben-rund-h72mm-d50.3mf

📄 3MF File sliced with Cura 5.4.0



silica-unten-rund-h312xd50mm.3mf

📄 3MF File sliced with Cura 5.4.0



silica-unten-rund-zum-runden-hygrometer-h504mm-d50.3mf

📄 3MF File sliced with Cura 5.4.0



silica-untent-rund-zum-runden-hygrometer-h598mm-d50.3mf

3MF File sliced with Cura 5.4.0



silica-untent-rund-h768mm-d50.3mf

3MF File sliced with Cura 5.4.0



silica-obent-rund-mit-runden-hygrometer-h242mm-d50.3mf

3MF File sliced with Cura 5.4.0

Print files



silica-obent-rund-h72mm-d50.gcode

PET 0.40 mm 0.20 mm 0.40 hrs 6 g

GCODE for Creality Ender 3 S1



silica-obent-rund-mit-runden-hygrometer-h242mm-d50.gcode

PET 0.40 mm 0.20 mm 2.00 hrs 25 g

GCODE for Creality Ender 3 S1



silica-untent-rund-zum-runden-hygrometer-h504mm-d50.gcode

PET 0.40 mm 0.20 mm 1.45 hrs 48 g

GCODE for Creality Ender 3 S1



silica-untent-rund-h312xd50mm.gcode

PET 0.40 mm 0.20 mm 1.15 hrs 14 g

GCODE for Creality Ender 3 S1



silica-untent-rund-h768mm-d50.gcode

PET 0.40 mm 0.20 mm 2.30 hrs 27 g

GCODE for Creality Ender 3 S1



silica-untten-rund-zum-runden-hygrometer-h598mm-d50.gcode

🌀 PET 🌀 0.40 mm 🌀 0.20 mm 🕒 2.00 hrs 📊 22 g

📄 GCODE for Creality Ender 3 S1

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