



Filament & Hygrometer Cap for Chef's Path Cereal Container

 **crealitycheck**

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Summary

This is a replacement cap for the Chef's Path Airtight 135.2 oz. Cereal Storage Container that will allow the addition...

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Tags: [drybox](#) [filamentspoolholder](#) [filamentholder](#) [thingiverse](#)
[filamentdryer](#)

This is a replacement cap for the Chef's Path Airtight 135.2 oz. Cereal Storage Container that will allow the addition of a Hygrometer and a PC4-M6 or PC4-M10 Pneumatic Fitting. to make a Filament Dry Box Container.

The hole for the fitting will need to be tapped with 6mm tap. I plan on making a threaded version in the future as well as one for a 10mm fitting.

The idea to use these containers was from a YouTube Video [Cereal Container Boxes for Storing 3D Printer Filament!](#) byWhere Nerdy Is Cool. I like the fact that by utilizing the pour hole I didn't have to drill any holes in the container and just need to swap out the cap. If I ever come up with another solution I can use the containers for their intended use.

I purchased everything from [Amazon](#) (affiliate links included above) except for the tap which I already owned.

When placing in the spool, be sure it is feeding from the bottom to it has a straight path to exit.

Thank you for looking.

UPDATE 12/26/2023

Changed 10MM Thread to use 1/8" BSP thread with some clearance. Thank you to @eibo68_1593649 for pointing out that the thread type was incorrect. I did not reprint the cap to test but did a test on a smaller sample which I also have included.

UPDATE 12/20/2022

I now recommend using the filament Spool Holder from the [Single Spool 4L Drybox](#) with the [remixed larger roller](#) as it is better fit and contains a container to hold desiccant. I just printed the Filament base, the Silica Lid and larger roller.

I added a threaded version for PC4-M6 Pneumatic Fitting.

UPDATE 3/26/2022

Added a version with just a hole for the Hygrometer only in case you want to just store the filament in the container or use another solution that feeds the filament out through a hole drilled in the container like the [Filamentbox-Master-2000](#) by XrConrol.

I placed a couple of Desiccant Packets at the bottom.

UPDATE 12/20/2021

Added a threaded version for a 10mm PC4-M10 Pneumatic Fitting. The fit is a bit tight so a wrench will be needed to tighten.

UPDATE 7/4/2021

Added a Filament Spool Skate to accommodate most 1 kg Rolls. It is remix of [Spool Skate for Rubbermaid 21 Cup Drybox](#) from the Prusa printers website.

Print Settings

Printer Brand:

Crealitiy

Printer:

Ender 5

Rafts:

No

Supports:

No

Resolution:

200

Infill:

100

Filament: GEETECH PLA

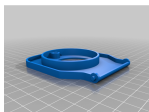
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Notes:

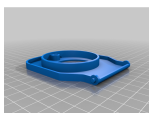
Printed on an Ender 5 Pro.

Category: 3D Printer Accessories

This remix is based on

**Filament & Hygrometer Cap for Chef's Path Cereal Container**

by CrealityCheck

**Filament & Hygrometer Cap for Chef's Path Cereal Container**

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Model files



Dry Box Caps

9 files



dry_box_cap_6mm_tap.stl



dry_box_cap_10mm_thread-old.3mf

☐ Replaced by Dry_Box_Cap_10mm_BSP_Thread



dry_box_cap_10mm_bsp_thread.3mf



10mm-thread-test.3mf



dry_box_cap_6mm_thread.stl



dry_box_cap_hygrometer_only.3mf



cap_hygrometer_only.stl



cap-6mm-w-thread-no-hygrometer.stl



cap-10mm-w-thread-no-hygrometer.stl



Spool Skate - Deprecated

3 files



axel_pin.stl



axel.stl



drybox_filament_skate.stl

[Find source .stl files on Thingiverse.com](#)

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