



Desiccant core for Sunlu spools

D DavidSGinOz

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Summary

Improve humidity control in Bambu Lab AMS

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Desiccant core for plastic 1kg Sunlu filament rolls intended for use with Bambu Lab AMS. I designed this for the largest surface exposure to the air for best effect. Uses about 27g of PLA, contains about 75g of colour change silica gel. Fill each compartment about 2/3 full. Use a 4G x 9mm self taper to close off.

Note: I strongly advise sifting your desiccant to get rid of undersized particles - not a good idea to get them in the AMS mechanism! I happen to have a suitable colander in the kitchen, otherwise I would have designed something to do the job.

Edit: [@Pitax_1229381](#) has made an end cap for this that is somewhat more tolerant of printer accuracy. <https://www.printables.com/model/618670-cap-for-desiccant-core-for-sunlu-spools>

Model files



main.stl



cap.stl

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