



Tower Garden (Juice Plus) Hydroponics Pod Lid / Cover Flexible



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Summary

Cover for the pods on a Tower Garden Hydroponics system. Designed to be printed with FLEX filament such as TPU.

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I designed this lid for my mom's tower garden, inspired by other available products and designs. This is not a remix of the below model even though my design is somewhat similar. If you are looking for a model to print with hard plastic like PLA or PETG, check out the one below.

I approached the design from a different perspective, with the intent of using FLEX filament to create a press-fit lid that would not be easily removed by wind or vibration. I printed them with Overture TPU and it works great!

The portion of the design that protrudes inside the tower is shaped to minimize water exiting the tower by flowing over the top of the lid.

Since it is a press fit, they do require some hand pressure to get the seal started, and fully seating it after that is easy. And the side tab makes removal easy!

Model files



hydroponics-cap.stl

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