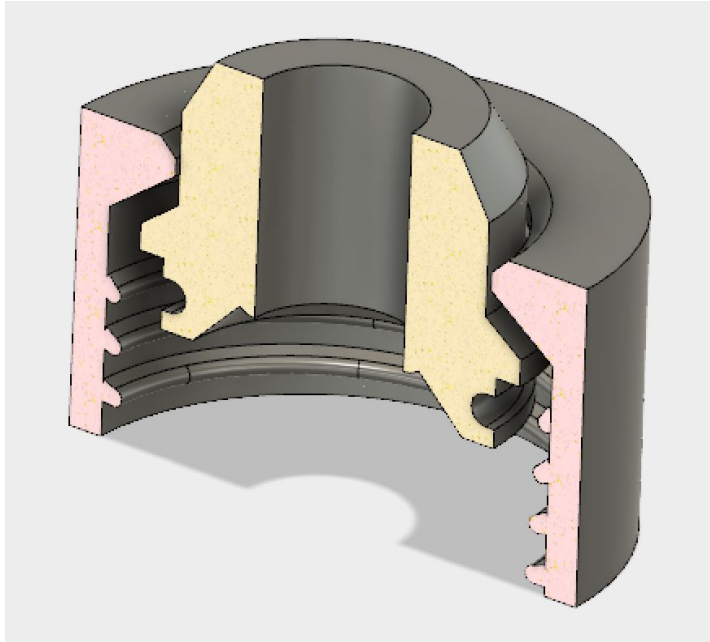


## Raincatcher Bag Mount

### Basic Description:

This is intended to be the connection between the aluminum foil-lined bag that holds the collected water and the copper tube. There are two pieces: one that screws directly onto the bag and another that is pressed down onto the bag's cap by the first. The latter has an o-ring that seals the connection to the bag and has a center hole that should be tapped with a  $\frac{1}{8}$  NPT tap and screwed onto a brass pneumatic connector.



Print with colored (preferably black) ABS, or equivalent materials. These parts print well with a single material and no supports should be necessary.

The outer piece's threads were designed to fit to the selected bag's cap and no standard thread measurements or calculations were done. While it seems to work with most caps of similar style, there is no guarantee that this part will fit with any other bag.

### Future considerations:

It might be worth finding a way to directly connect the tubing to the fitting. This could be done via 3d printing, a set screw, glue, or melting the plastic directly to the pipe via acetone or heat.