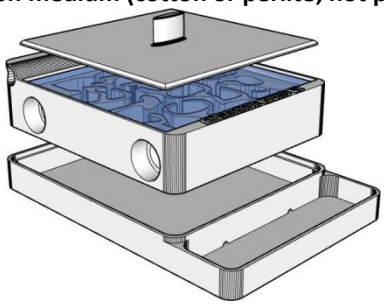
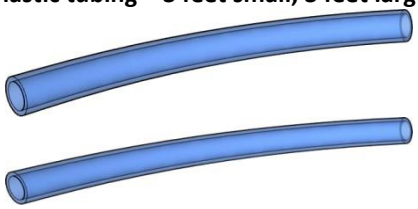
All-You-Need Hybrid Gear Pack

Contents

(1) Hybrid Nest – includes the base, nest, lid, glass, hydration medium (cotton or perlite, not pictured)



Plastic tubing – 3 feet small, 3 feet large



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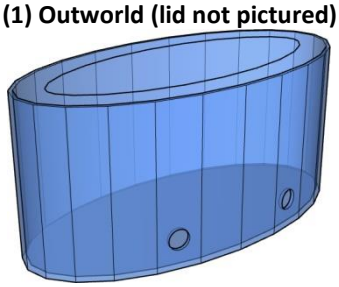
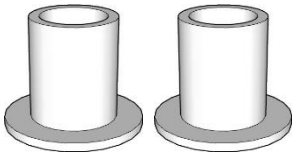
(1) Outworld (lid not pictured)



(2) Outworld Portals



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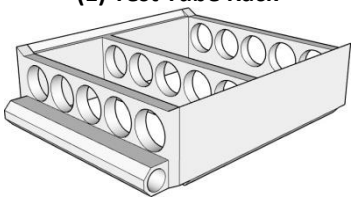
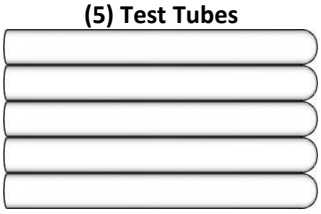
(1) Test Tube Rack



(5) Test Tubes



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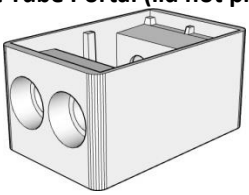
(1) Test Tube Adapter

(1) Test Tube Portal (lid not pictured)



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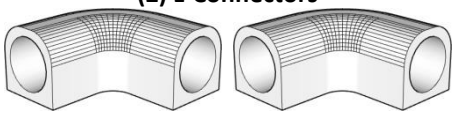
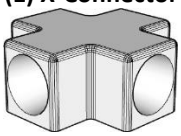
(2) L-Connectors



(1) X-Connector



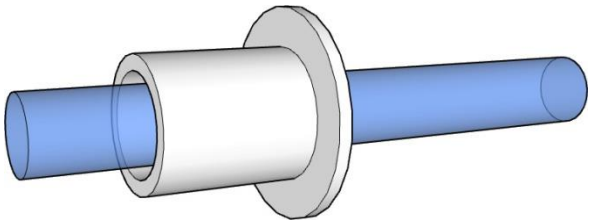
Hybrid Nest Assembly

1. If you desire to add substrate (sand, soil, wood chip, etc.) inside the Hybrid Nest, remove the glass cover. If it is a tight fit, push a small nail or paper clip up through the bottom holes to help remove the glass. Add substrate. Make sure all substrate particles are off the top surface of the nest and then replace the glass. Optionally glue the glass if desired using Elmer's glue or clear silicone.
2. With the nest removed from the base, place the provided hydration medium (cotton or perlite) to the large basin in the base, and then replace the nest. Water can be added to the exposed smaller basin to provide hydration for the nest.
3. Connect large tubing, small tubing or test tubes directly to any of the four provided ports. Plug unused ports with cotton to prevent ants from escaping.

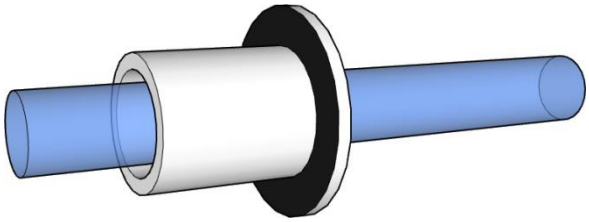
Outworld Assembly

The two outworld portals are included to facilitate the connection of large or small tubing to the outworld. While there are a few different ways to setup these connections, one way that works well is done as follows:

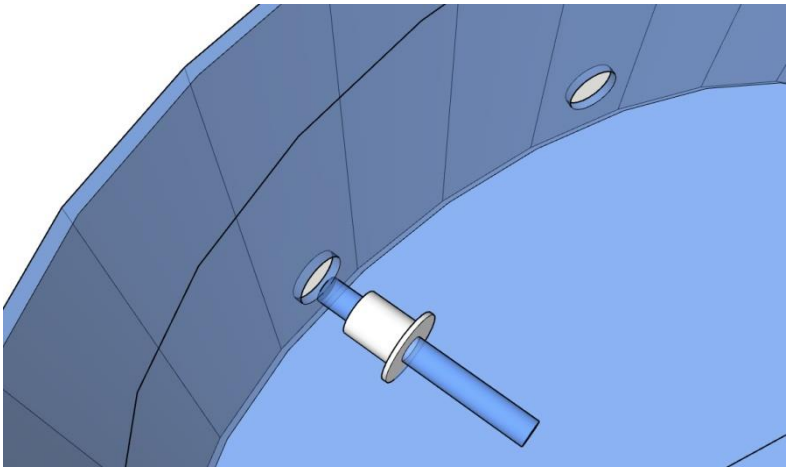
1. Cut a 3 inch piece of small vinyl tubing and push it all the way through the outworld portal.



2. Apply a thick bead of clear silicone to the inside lip of the outworld portal. (The solid-black surface shown below.)



3. Position the outworld portal inside the outworld and push it through one of the holes such that the silicone contacts the inside wall of the outworld.



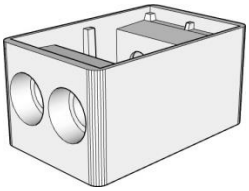
4. Repeat steps 1-3 for the second outworld portal.
5. Allow 12-24 hours for silicone to cure.
6. Decorate the outworld as desired. We recommend using an AntsCanada Biome Kit to decorate the outworld. See sample completed outworlds with AntsCanada Biome Kits at http://www.antscanada.com/?s=Biome+Kit. NOTE: If you will not be using the Solidifying Ground Mix of the AC Biome Kits or other hardening cement-type mixtures to hold the outworld portal locked into place from the inside, you must be careful when connecting additional tubing to the outside connection. Pressing too hard may cause the silicone seal on the inside of the outworld to break free.

Suggested Uses of the Products

Test Tube Adapter

The purpose of the Test Tube Adapter is to allow easy connection between a test tube and the large vinyl tubing. This helps avoid the use of tape to make connections. Now you can easily connect your small test tube colonies to outworlds, new, fresh test tubes, formicaria, etc.

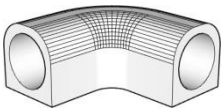
Test Tube Portal (lid not pictured)



The Test Tube Portal serves several purposes and solves some annoying problems faced by ant keepers.

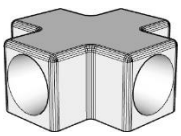
1. Directly connect an ant colony in a test tube and the Test Tube Portal becomes a miniature outworld. Makes feeding your colony much easier.
2. Directly connect another test tube with a fresh setup of water. Makes switching test tubes due to mold or dry out much easier.
3. Directly connect another test tube with sugar water.
4. Directly connect vinyl tubing and the Test Tube Portal becomes a small hub, allowing for multiple connections and directions for tubing to go.

L-Connector



The L-Connector makes it easy to make a 90° turn in your tubing. Simply connect two pieces of tubing to each end and you're ready to go.

X-Connector



The X-Connector allows for four pieces of tubing to come together.