

Relic's Glovebox

Well I just put this thing together. It took:

18" x 24" piece of plexiglass
rubbermaid 44 qt. clear storage bin
(2) 4" male pvc adapters
1/8" thick foam tape
1/8" drill bit and drill
razor knife
#7 x 1/2" sheetmetal screws (zip screws)

I had planned on finding some long gloves to use with it attached with large hose clamps but had no luck finding any so far. i will try the bait store next. for now i'll just use latex gloves with open holes.

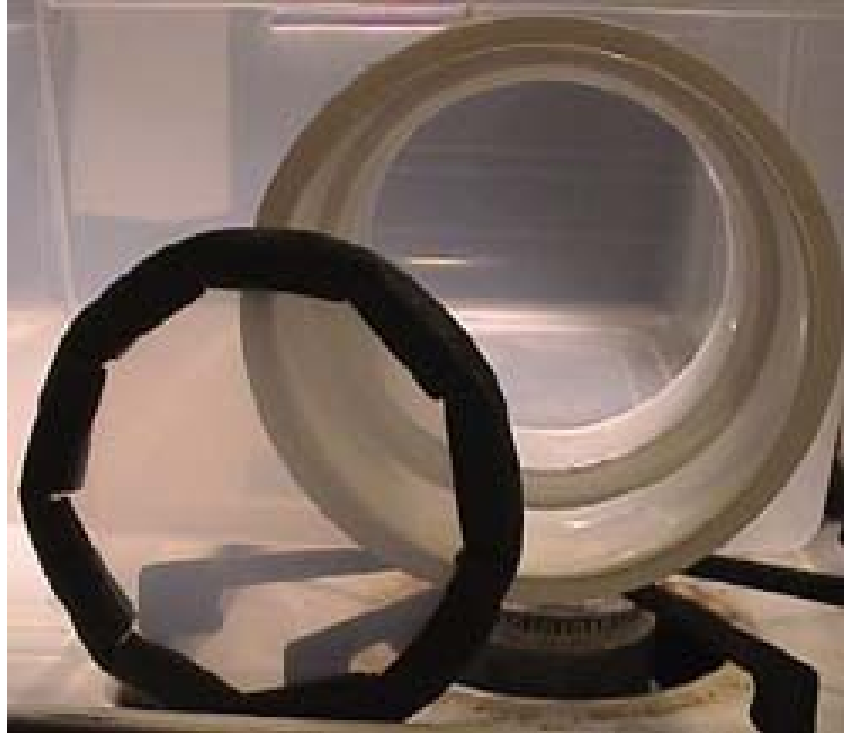
to cut the holes in the sides i used the 1/8" drill bit and drilled holes close together around the lines i traced around the PVC fittings and connected the dots with the razor knife. then the pvc fittings were screwed in (don't make the holes too big!) i then saved the circles that came out and foam taped around them with notches in either side of the tape around the circle so it could be applied w/o ripples. i will use them as hole plugs to keep the box clean when not in use. i will prolly epoxy some sort of handles or knobs on these so they can be removed easily from the outside of the box.

the hole in the lid was easily cut with the razor knife. the plexiglass was scored with the knife then snapped to size. holes were drilled in the plexiglass then wotted out to be oversized so the plexi didn't crack when i put the screws in. the lid was a softer plastic and was not drilled. plexiglass was applied with foam tape and zip screws manually with a 1/4" nut driver. the holes have to be close, i.e. 3", together to ensure the foam tape sealed (silicone could be substituted here for foam tape)

check it out,



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One of these really isn't essential for making syringes or even grain to grain transfers, but, after trying agar a few times without one, I decided I needed one.

Be careful with flammable disinfectants and flame in a glovebox, they can (and do) explode! Sanitizer fumes are also highly toxic to mycelia