

# Create Your Own High Quality Pop Filter

To Improve Your Microphone Recording Quality



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**Brokor - 2014**

## ***Let's get Started***

### **Materials List:**

- Canning lid and ring
- Scissors
- Synthetic fabric
- Contact cement
- Drill and drill bit or punch and hammer
- Metal shears
- Pliers or multi-tool

### **Optional:**

- Spray paint
- Metal wire

## ***Prepare Your Lid***

If you have chosen the size canning lid which best suits your needs, take it and drill a starter hole just inside the edge so you can cut around the surface and create an opening.





Next, be certain to cut carefully so you do not injure yourself, and use your metal shears to trim out the shape of your opening. Essentially, you are following the ridge of the lid, it's not hard. Just be careful!

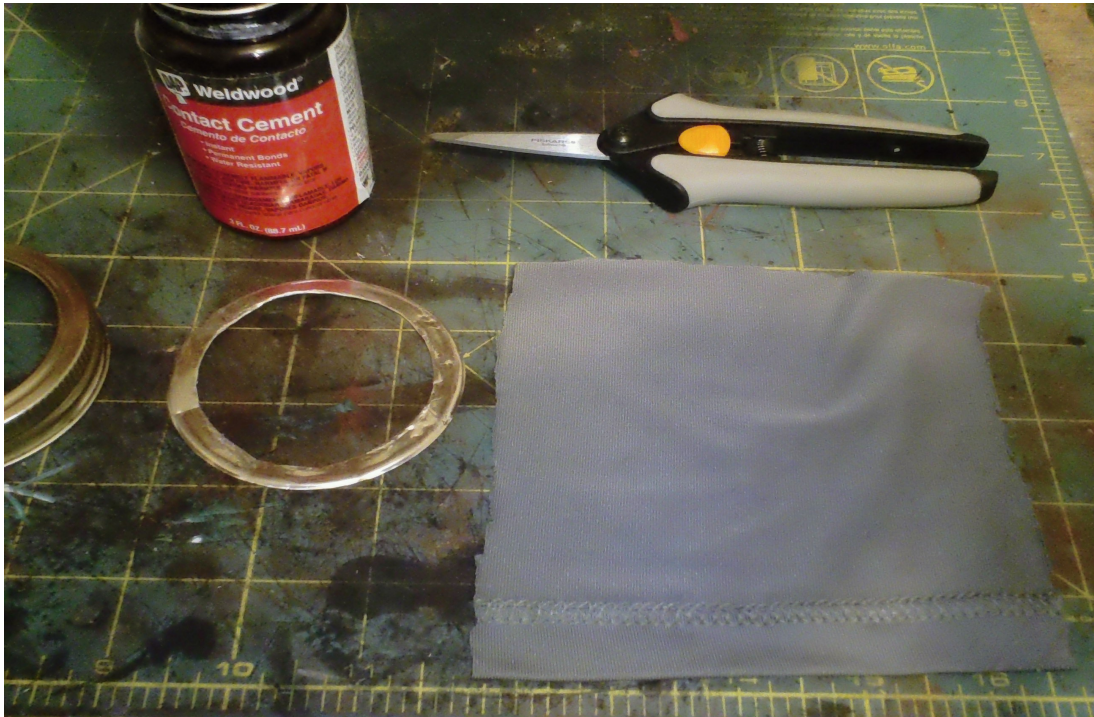


You will be left with a rough and very sharp edge on the inside of the lid. **Do not touch this with your bare fingers!** You can gently tap this down to make it flat again with a rubber mallet, but it's not necessarily required. Get your pliers or multi-tool out and begin to bend the inside lip over at a 90 degree angle. Then, go back and gently squeeze this down with the pliers and pinch it tight. This will create a smooth surface.



Once you have the lid, which is now a “donut” all flattened and safe, get your fabric ready, your cement, and prepare to move forward...





This next step is pretty easy. Apply cement to the inside of the ring (the large ringed threaded part we haven't touched yet) right where the lid sits into it. You are now just going to take your lid “donut” and place it in the center of your fabric, pick it up and pinch the fabric over tightly. Hold it firm, and push it down into the threaded ring.



When you have it set firmly, you may trim the excess fabric off, and cement the rest of the fabric down



to the inside of the lid ring, as shown above. You will be left with a nice, professional looking pop filter for your microphone.



I decided to use an old 'Ball' canning lid, but you could use a nicer one, or any lid made from plastic or another material to follow this same procedure. As long as your fabric is tight and will not pull off the ring, it will work fine.



I ended up spray painting mine, and I made some wire legs for it to stand and clip onto my **Snowflake Blue** microphone. Have fun making this and be **safe**!