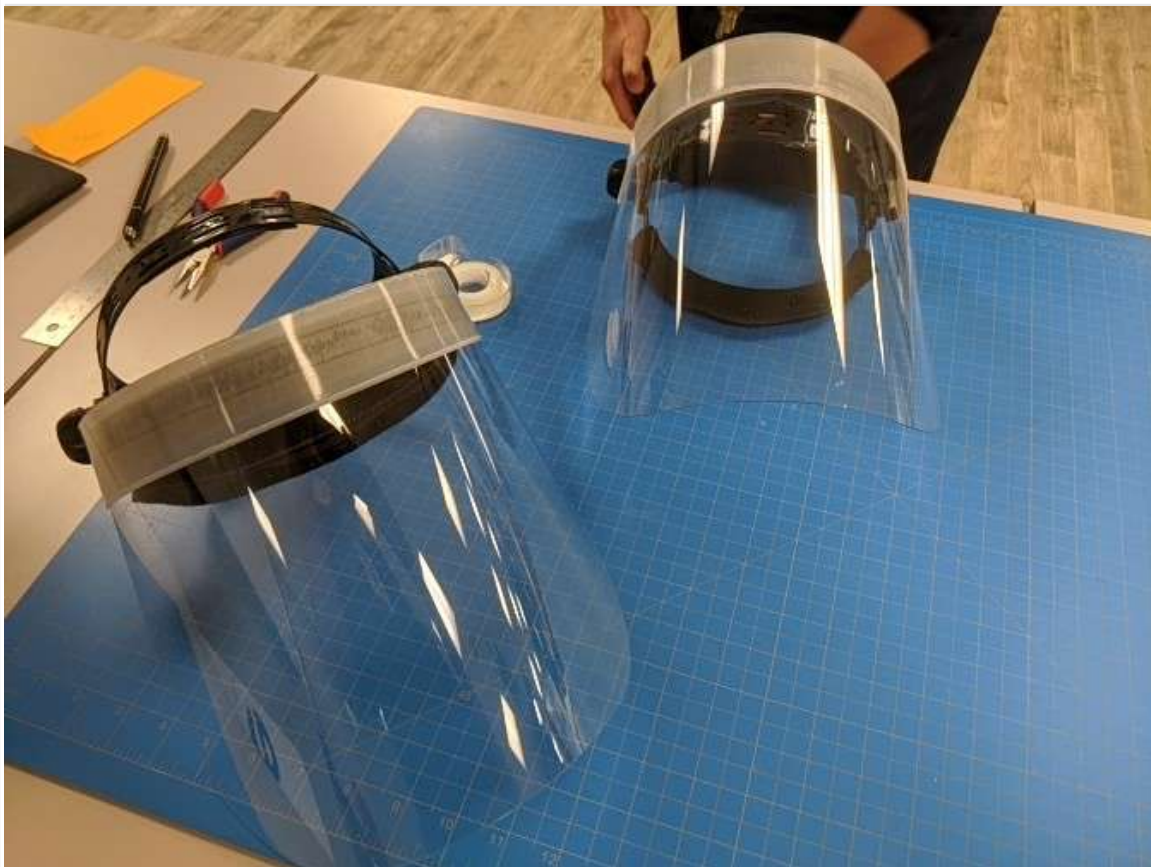


Pivot Face Shield

Created by: Clayton Skousen & Rose Hedges

VERSION 1 || 5/7/2020



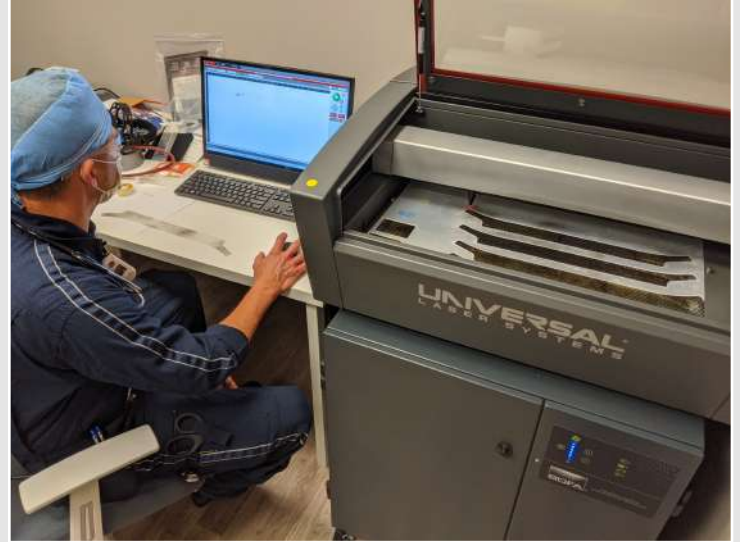
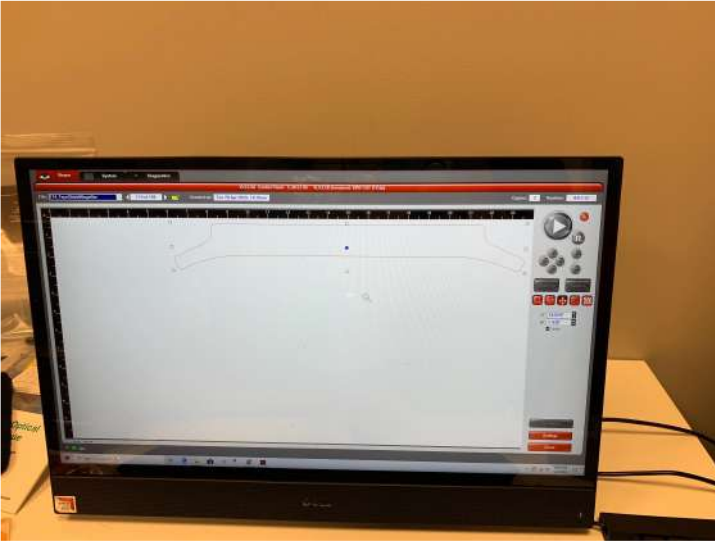
Materials Needed

- Flexible LDPE Sheet - 1/8" thick
- Hospital-issued Face Shield
- Double-sided tape
- Welding Ratchet HeadGear

Tools Needed

- Laser Cutter
aternate: utility knife to manually cut
- Drill

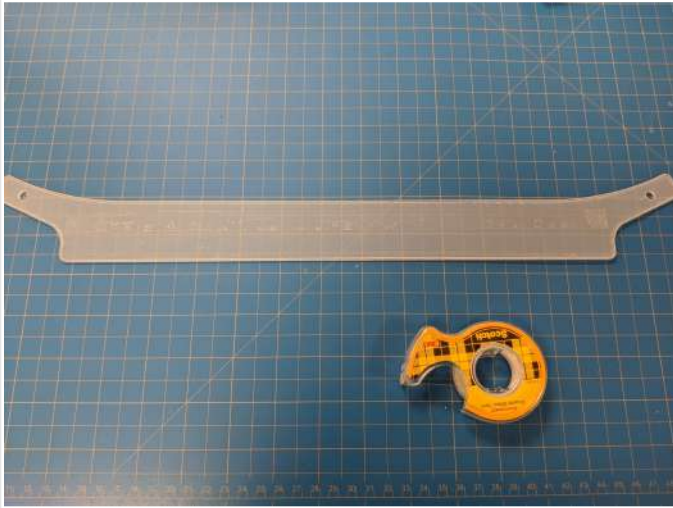
1. Laser cut the frontal support band out of the LDPE.



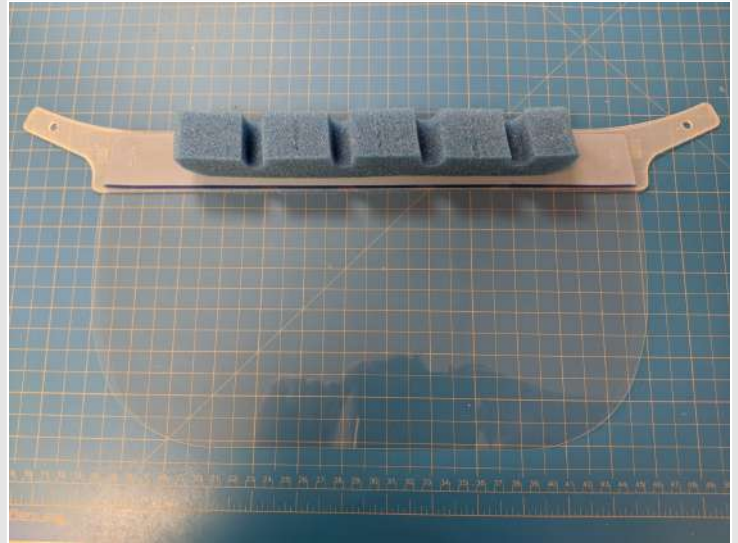
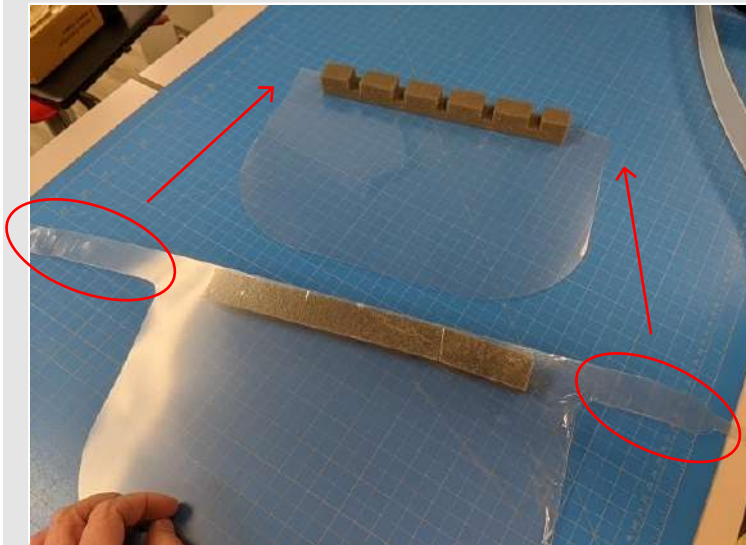
2. This frontal band needs to be attached the welding headgear. You will attach it on either end where the knob is, as shown here. Place the laser cut frontal band across the welding headgear and mark where the holes need to go. Using the right drill bit (based on the screw size), drill a hole on either end of the frontal piece.



3. Apply double-sided tape to the frontal support band.



4. Cut off the end tabs of your hospital-issued face shield. Adhere the face shield to the frontal support band with the double-sided tape.



5. Disassemble the screw assembly on either end of the welding headgear. Attach the headband-faceshield assembly from Step 4 onto the screw on either end of the welding headgear. Make sure the foam piece on the headband is facing inside.



6. If you ever need to replace the faceshield, you can detach from the support band and replace with a new one by following Step 4.

