SOULO
A CREATIVE PRODUCTION AGENCY

# HOW TO CREATE:
## PPE Face Shield Production

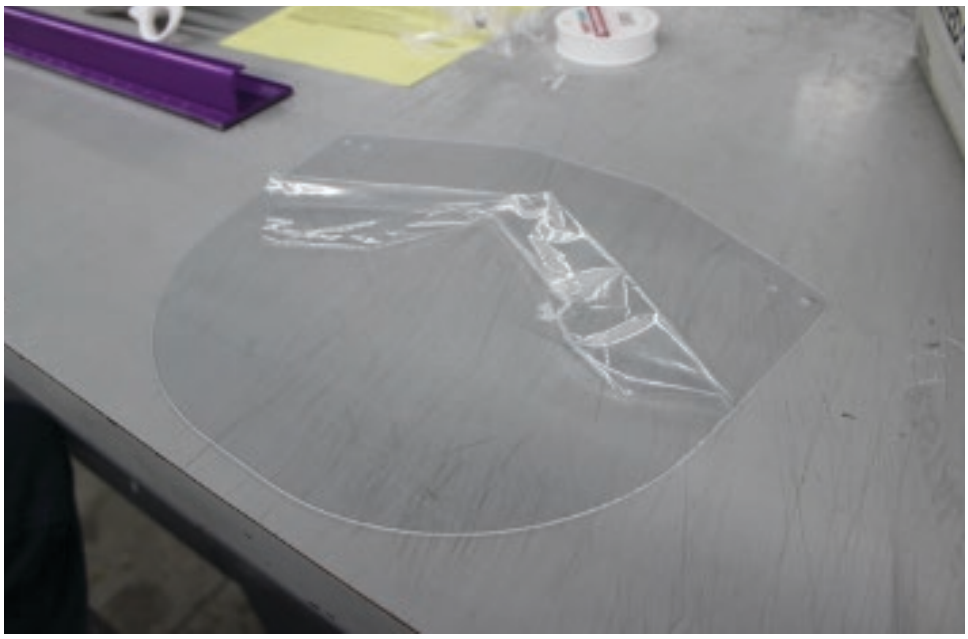
**RECOMMENDED MATERIALS:**
We cut our face shields using a COLEX Sharpcut, but you could also use a laser cutter or another flatbed cutter. We used .020 optically clear styrene or PETG. You could also use Lexan, PVCs, plastics, polystyrenes or any similar material that is non-porous and optically clear.

**DONATIONS NEEDED:**
Healthcare workers across the country are in need of lifesaving PPE and as more businesses open to the public in the coming weeks and months, they may be in need as well. Potential donation recipients could be:

- Hospitals
- Medical clinics
- Emergency responders
- Dental practices
- Pharmacies
- Retail or food service workers *(especially those who cannot set up another form of divider between themselves and their customers).*

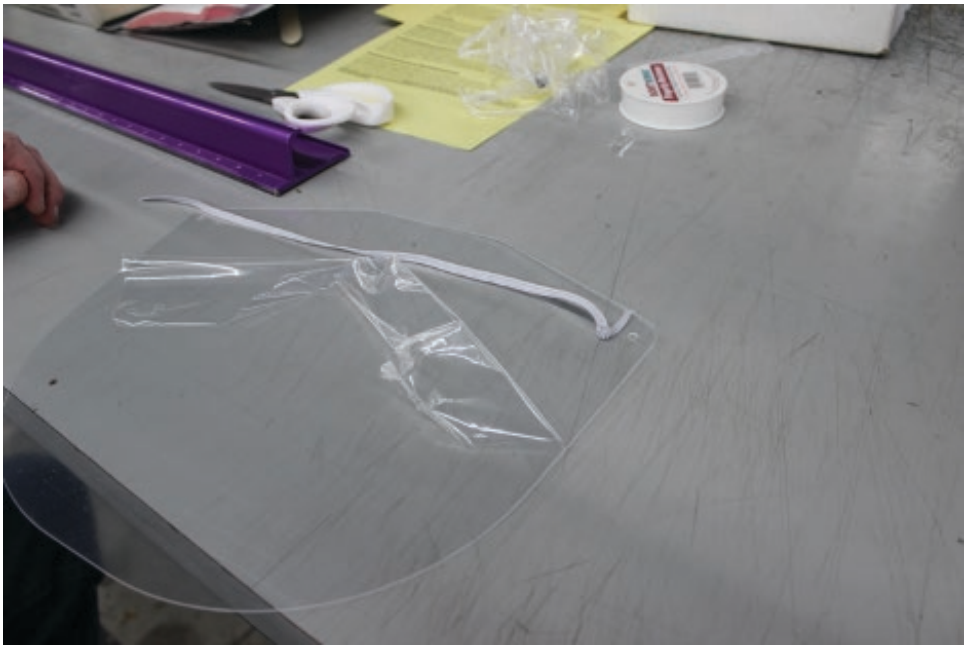
**TO ASSEMBLE THE MASKS:**
Note: The styrene we used for the shields comes with a protective film. We peel it off far enough to thread the elastic and assemble the shield, but leave the rest on to prevent scratches or fingerprints on the mask during transit.

1



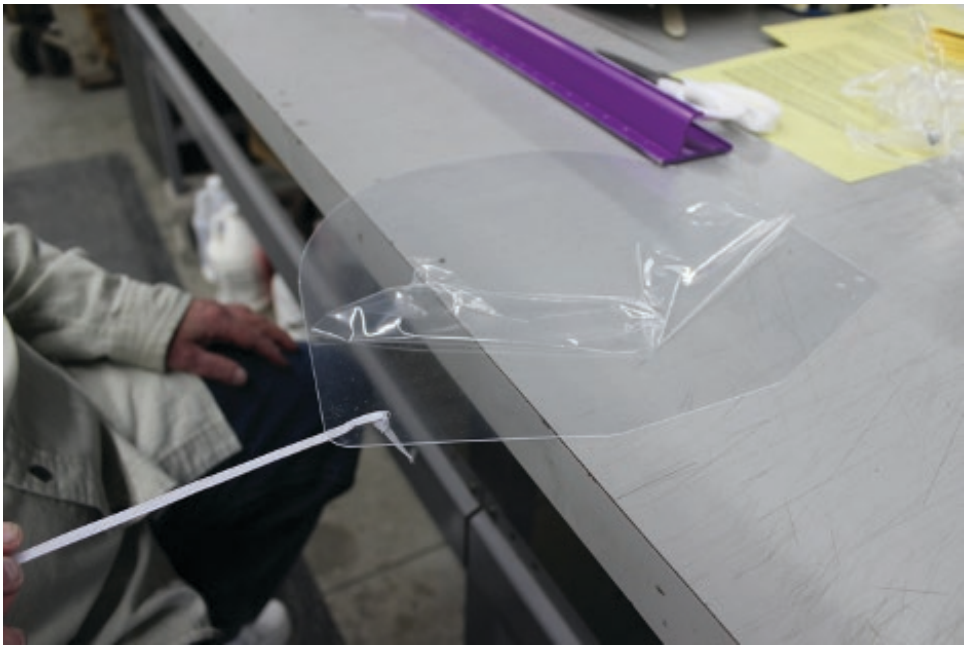
Cut a 16” long piece of .25” wide elastic. Thread the elastic through one of the inside face shield holes and tie a knot at the end of the elastic.

2



Then take the un-knotted end, and thread it through the adjacent outside hole.

3

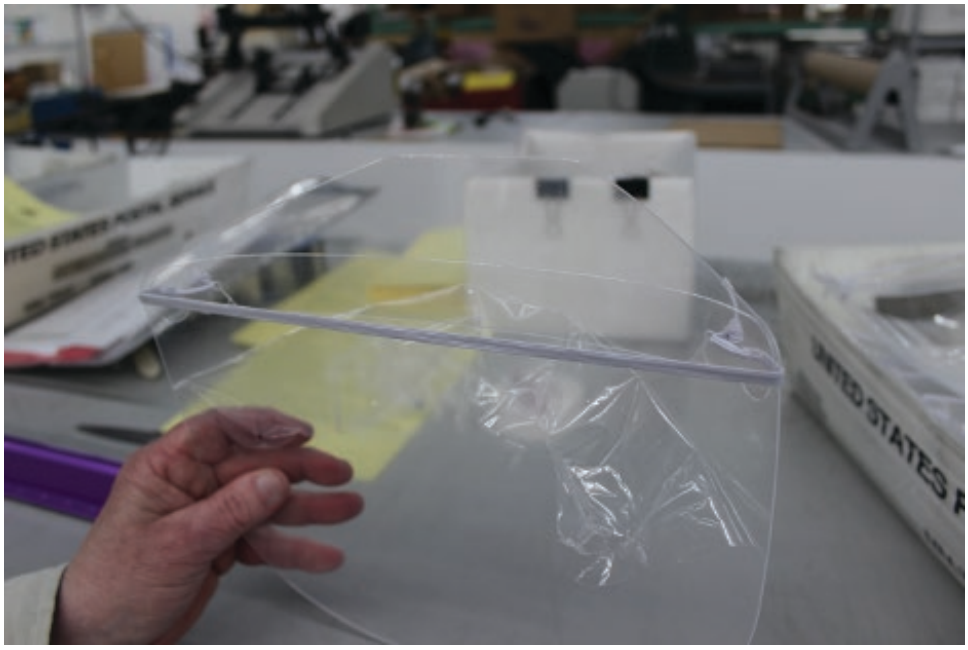


Wrap the elastic around the back of the shield, then through the front of the outside hole and finally the last hole and tie another knot to secure the elastic in place.

4

Both sides should look the same at this point.
The forehead piece of the shield can then slide in between the elastic and the face shield, through the loops created by the elastic and holes on the face shield. The shield will bend gently so the holes on both pieces line up, and it takes the shape of a face shield.

5



Once the remaining film on the mask is removed, it is ready for use!