Materials Needed:
- Plastic shield: 0.010 in thick various thickness available online and at stores. Ours is die cut, but there are other ways to do this pending the material thickness.
- Elastic Strap: This is hard to find but there are online and local suppliers. Cutting the elastic is hard because it can fray. Best to use a “hot wire cutter.” There are other ways to attach the strap.
- Rivet: We are using a rivet because we have special machines in house. You can attach the straps lots of ways you just need to make sure it does not break off.
- Foam Brow: We are using open cell PU foam. You can find this online or substitute it with any soft foam that feels good.

Medical professional insights:
We were told that these need to be worn with a mask and glasses/goggles. Must be easy to get on and off.

**ASSEMBLY**

1. **STEP 1.** Rivet the strap to front of shield.
2. **STEP 2.** Adhere the foam brow to the plastic shield. Ready to ship flat.
3. **STEP 3.** Flip the elastic strap over to back to wear.

**ELASTIC STRAP**
- Measure to length and cut
- Use soldering iron to burn holes on either end of the strap.
- Holes should be about 0.22 in DIA
- Holes are symmetrical over CL

**FOAM BROW**
- Apply PSA to foam if you can or apply during assembly.
- Measure to length and cut