

USC Irvine and Young Academy is making disposable face shields based off an open-source design from University of Wisconsin and Delve Design. In collaboration with Keck, they have made the following changes:

1. They are now using the same shield template as the USCBM 3D-printed reusable shields, so that the clear plastic is compatible between designs. This is part of an overall effort to have some standardization of the items being made.
2. They exclusively use non-latex elastic (1" wide non-latex tourniquets, cut to 13" lengths).
3. Their forehead foam is 1.5" thick and 8" wide to hold the shield a little bit further from the face (theirs is 1" thick and 9" wide).
4. They use two staples on each side.
5. As thin PETG is in extremely short supply, they are also using PET and polycarbonate (exclusively for the disposable shields).