

NYCCTfab

LASER CUTTING

File Preparation

1. Draw the boundary of your material, place only the geometries needed to be laser cut within the boundary.
2. Purge any duplicate lines.
3. All linework must be assigned to the proper layer. **Cut Outer (Blue)**, **Cut Inner (Magenta)**, **Stitch cut (Cyan)**, **Score (Green)**, **Etch (Red)**, **Raster Engrave (Orange)**.
4. All vector linework to be laser cut must be continuous. (“Joined”)
5. Keep linework at least 0.25” away from the edges of your material and 0.125” away from other linework.
6. All laser cutting geometry should be properly scaled in model space (plotted from paper space at 1:1 **Blue_PLS** or **Red_ILS**)