

NYCCTfab

LASER CUTTING

Geometry Preparation

1. Clean up the file. Leave only the geometries needed to be laser cut.
2. Purge any duplicate objects.
3. All linework must be assigned to the proper layer. **Cut (Blue)**, **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 to the size of the laser cut parts in model space and plotted from paper space at 1:1.