

chroma® | etching guidelines

guidelines for etching 3form Chroma

PROGRAMMING REQUIREMENTS

1. All special etching requests (anything other than letters or words in standard fonts) are required to be detailed in a CAD File.
2. Etching will match the CAD file exactly. If CAD file has line segments they will show up in etching.
3. For standard etching (letters or words etched in standard fonts) simply submit font name and size of letters; no CAD file required.
4. Cannot have JPEG or PDF imported into CAD. Make sure there are geometries associated with the drawing.
5. All 3-D drawings must be reviewed by 3form Fabrication.

DESIGN REQUIREMENTS

1. Minimum material thickness is 1/2" (12.5 mm).
2. 1/8" (3 mm) is the only cut depth available..
3. Minimum cut width is 3/16" (4.7 mm). If drawing has lines that are spaced closer than 1/2" (12.5 mm) the lines may blend together.

FINISHING OPTIONS

1. Sanding, or other finishing techniques must be called out in quote or sample, otherwise it will not be done.
2. Minimum width on etched groove to be sanded is 1-1/2" (38 mm). Renewable matte finish to be specified on surfaces where etches are sanded.
3. Sanding on etched parts will result in graining or sanding marks.

SANDBLASTING

1. All etching can be sandblasted.
2. Sandblasted areas are more prone to attracting dirt and are difficult to clean.
3. Sandblasting is recommended for etching that is under 1-1/2" (38 mm) in width.
4. All parts having sandblasted etching must also have a renewable matte finish on the rest of the part.
5. Sandblasted products should not be touched with bare hands. Oil from the skin can leave marks or prints on the sandblasted product that are difficult to remove.
6. Cannot etch onto colored side.

PAINTING

1. No metallic or translucent paints can be added to etched areas as crazing may occur.
2. Painted parts must be sandblasted prior to etching.

CLEANING

Etched parts must be cleaned only with mild soap and water. Cleaners applied to etched sections may result in cracking or crazing due to chemical exposure.