

LASER ENGRAVING AGATE COASTERS

(7 to 9 cm diameter, 0.5cm thick)

This agate is a natural material as such, the shape of each one is unique and may have a size tolerance of 2cm. Due to these variations, we are unable to provide an individual template as it would not be accurate for every piece. This original substrate offers excellent opportunities for those unique projects that can set you apart from the crowd.

Fabrication Process

- It is recommended to take a picture of the front of the agate coaster when designing the picture, put it in the template, and then adjust the design shape according to the actual shape of the agate stone. Before engraving, use the edge-walking function of laser machine to check the engraving position. For some large or small sizes, the size of the template needs to be re-adjusted for accurate engraving results. If engraving a small area, make the engraving size no more than 6.5cm diameter.
- Clean the product with a cloth dampened with 70% isopropyl alcohol to remove any dust or debris and allow to dry.
- Place blank slate onto the laser bed so it is flat and level. Focus laser lens to the surface of the coaster.

Laser Settings

- 60 watt CO2 | Power – 20% | Speed – 100% | DPI 600 | 1 Pass
- Remove slate from laser and gently wipe with damp cloth.

Note: Settings noted above are intended as safe guidelines and may need minor adjustments to achieve optimal results.

