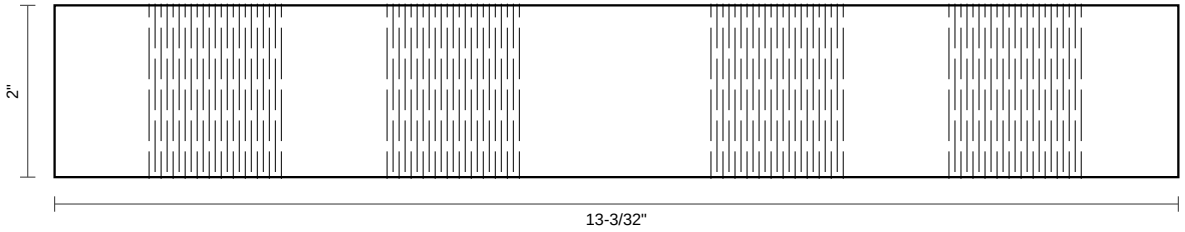
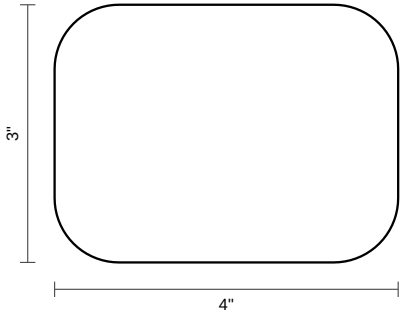
Living-Hinge Box

4" x 3" x 2" round-cornered box. One kerf-cut strip bends around all four corners.

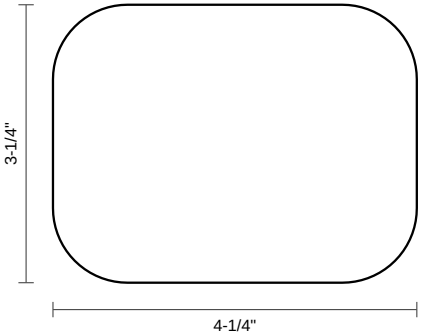
Wrap strip - 1/8" stock



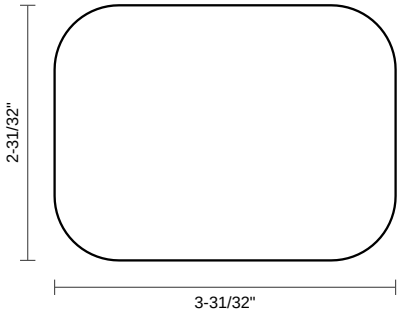
Bottom - 1/8" stock



Lid - 1/8" stock



Lid locator - 1/8" stock



Machine & stock

Laserbox 40W CO2. Use 1/8" plywood: 1/4" is too stiff to bend this tight.

The strip is 13-3/32" long, sized to wrap the bottom plate. The slit pattern (0.07" pitch, 0.12" bridges) covers each corner plus 0.15" either side.

Slits are single cut lines (red, open paths).

Steps

1. Cut the sheet. Flex the strip gently at each hinge zone a few times to loosen it.

2. Glue the strip around the edge of the bottom plate, starting at the middle of a long side so the seam lands there. Wrap tape around it while the glue sets.

3. Glue the locator under the lid, centered, so it drops inside the strip.

4. Finish with DuraGrain Hardwax Oil (12 fl oz) using the included #0000 white palm pad and buff dry after 15 minutes with the grey microfiber cloth.

Files

dxf/living-hinge-box.dxf, svg/living-hinge-box.svg

Plan view, drawn at about 1:2.2. Grey = pocket (depth noted), dashed = underside pocket, light fill = through cut. Cut files are full size.