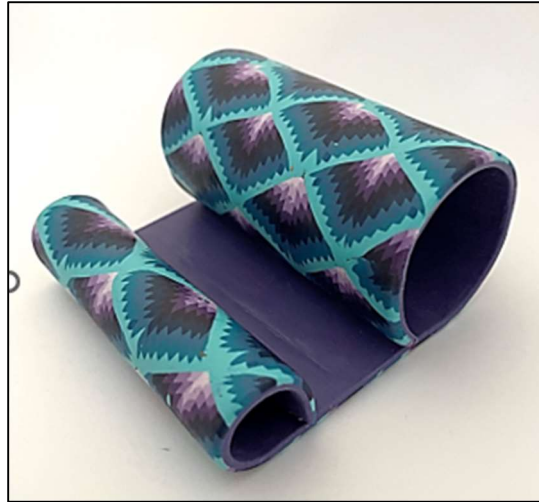


Instructions to Make 2 Roll Cellphone Holder

Lynne M Sole



Materials:

- 2 cardboard/wooden rolls to wrap clay around, about 1) 0.5 and 2) 1.25 - 1.5 inches in diameter. Wrapped with aluminum foil or paper to prevent sticking to the clay.
- 2 small wooden blocks to support the rolls during curing, see figure 3.
- Clay – solid color or veneer
- Glue such as Loctite super glue
- Usual clay equipment
- Backing pan, see figure 3.

Instructions:

- 1) Cut out the base clay, about 2.5 X 7.5 inches in dimension (minimum size) with a thickness of at least 1/8 inches. This is for the smaller cellphone (2.5 X 5 inches). For the bigger sized cell phone use a bigger roll to support the back of the phone. This will require increasing the length of the clay strip to accommodate the larger back roll.
- 2) If using a veneer comprised of multiple pieces burnish well together and it is best to back it with a solid piece of clay to avoid cracking when rolling up.
- 3) Carefully wrap one side on the larger roll first and then the other end on the smaller roll leaving a gap of about $\frac{3}{4}$ inch between the rolls. See Figure 1 of the profile with approximate measurements.
- 4) Do not join the ends of the rolls to the clay base at this stage.
- 5) Carefully test the phone in the holder for stability and make any adjustments. It should rest with a small angle (about 10-15 degrees) towards the big roll. See Figure 2.
- 6) Cure for recommended time and temperature with wooden blocks (or other compatible objects such as tiles) against each roll to prevent the rolls uncurling during the curing. See Figure 3.
- 7) Once cool glue the roll ends to the base. This prevents the cell phone holder changing shape during use and provides stability.

Note: Once cured, small adjustments to the cell phone holder to provide stability can be made by reheating in a warm oven (about 100°F for 10 minutes will be sufficient) and the adjustments made on the warm piece after it has cooled a bit and can be handled. Then to fix the shape hold under cold running water holding the piece in the correct alignment. The ends can then be glued.

Figure 1: Profile of the cell phone holder with approximate measurements in inches

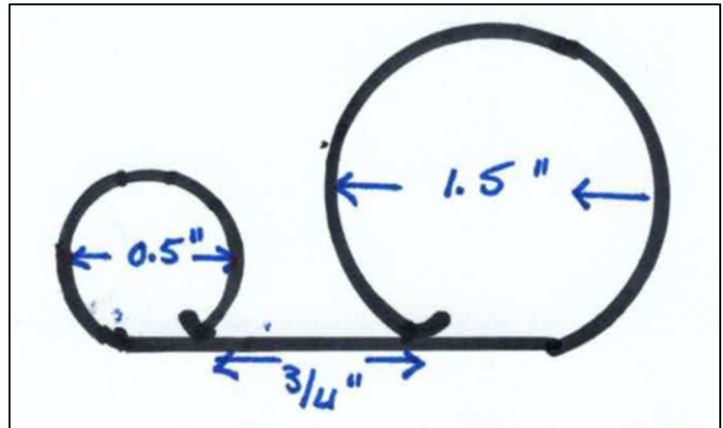


Figure 2: Angle of cell phone in holder



Figure 3: Arrangement for curing in baking pan