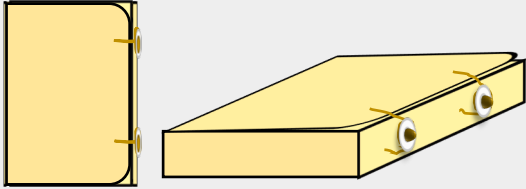


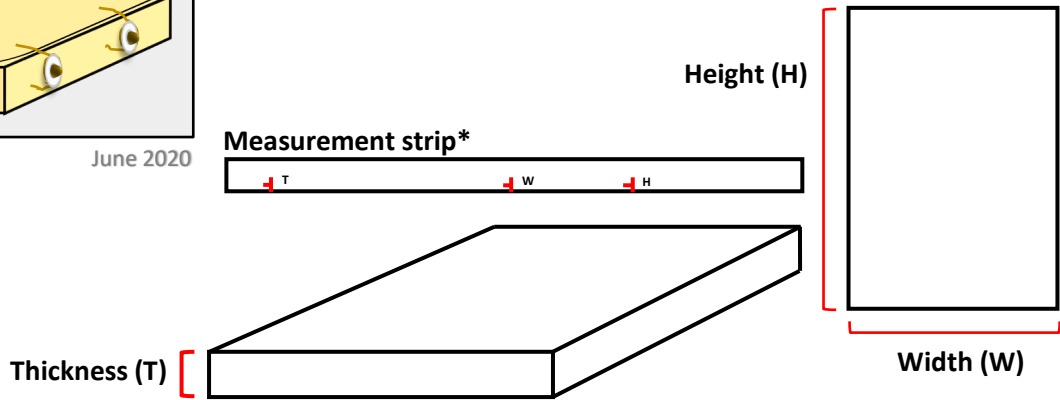
# Phase Box Instructions



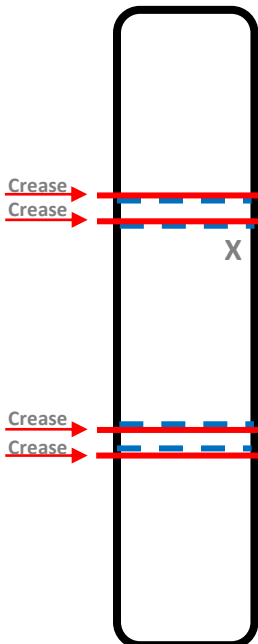
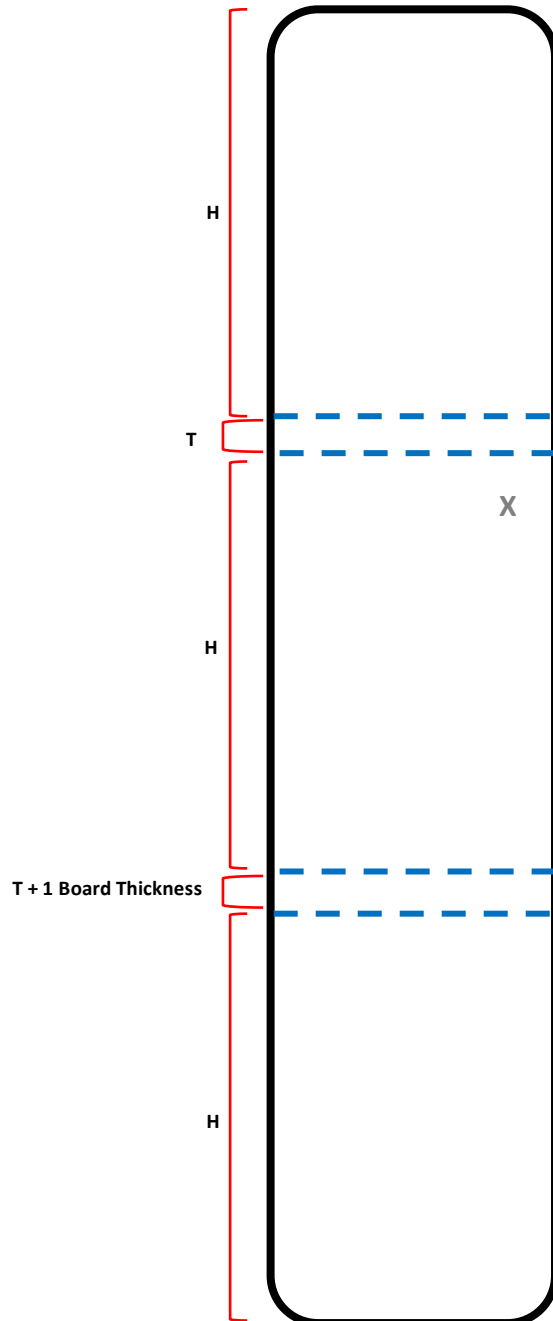
by Chloe Gise

June 2020

1. Mark the Height, Width, and Thickness of the object on a strip of paper\*.



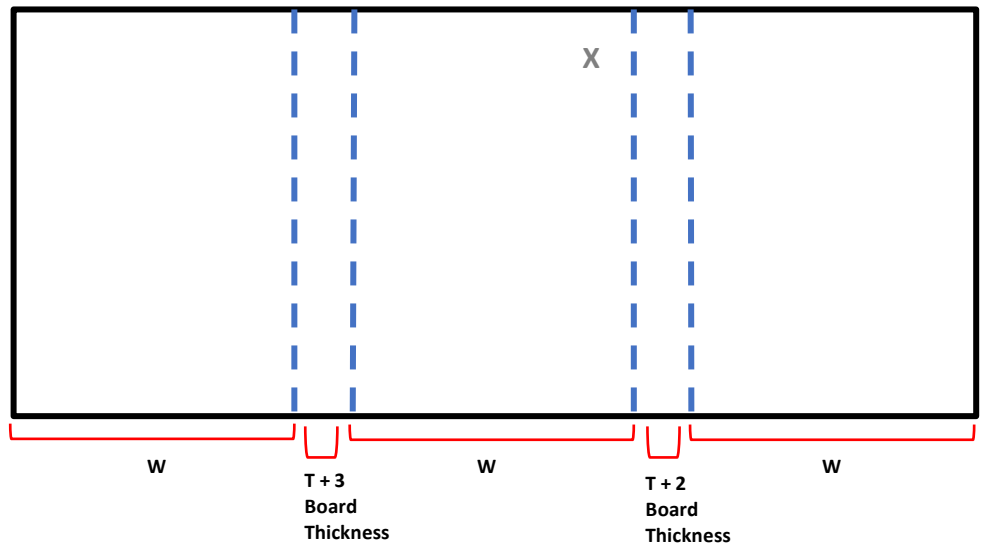
2. On a piece of 40 pt. lignin-free paperboard, use the strip to mark measurements for the height of the box. Define the item's placement by marking a small "X" on the top right corner of the center square. This represents the fore edge of the item.
3. Using a board creaser, crease each mark as indicated by the dotted line\*.
4. Round the corners of this piece with a corner rounder.



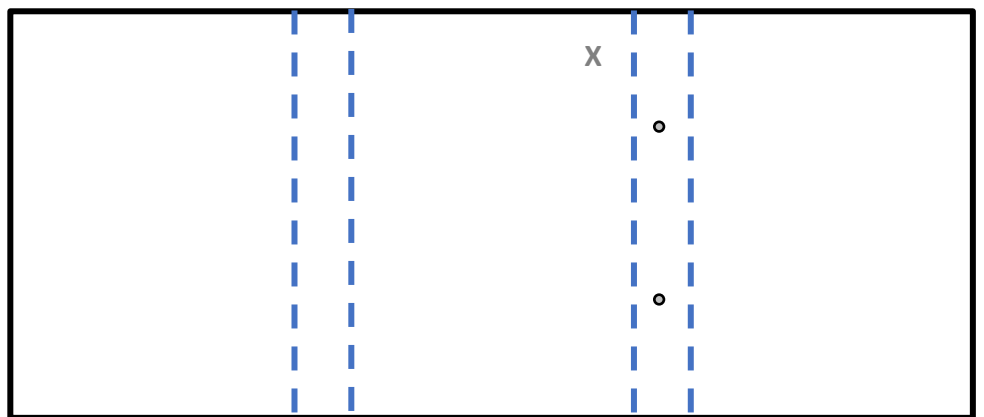
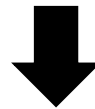
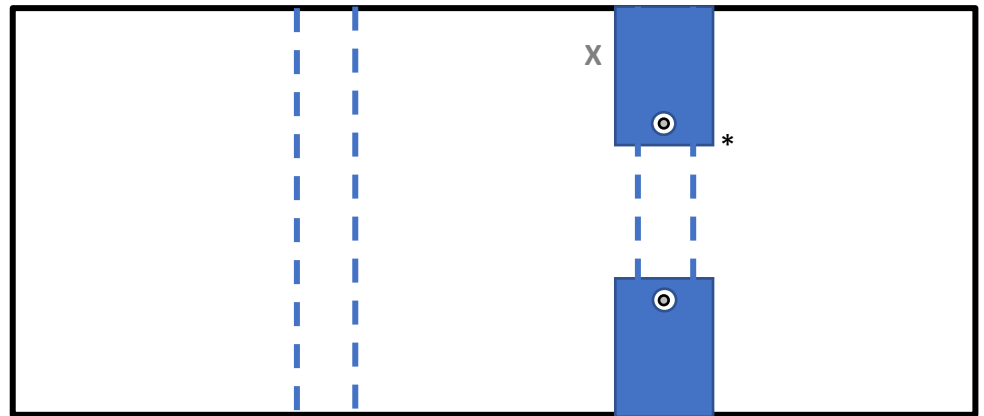
\*For an accurate fit, crease to the ends of the board. Do not crease exactly on the marks made, but slightly outside of them. This is so the interior of the box does not get smaller as you crease. For example, on the top, crease slightly upward of each mark. Repeat with the bottom side, creasing slightly below each mark.

5. On a separate piece of board, use the strip to mark measurements for the width of the box.

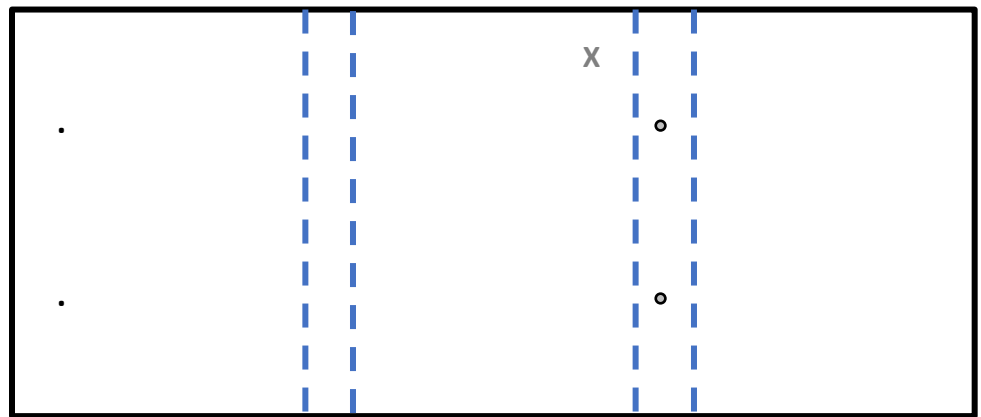
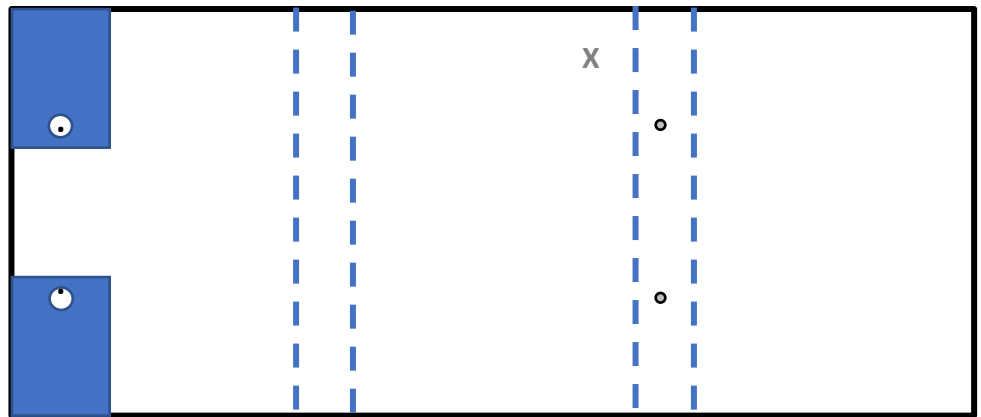
6. Crease each mark as indicated by the dotted line.



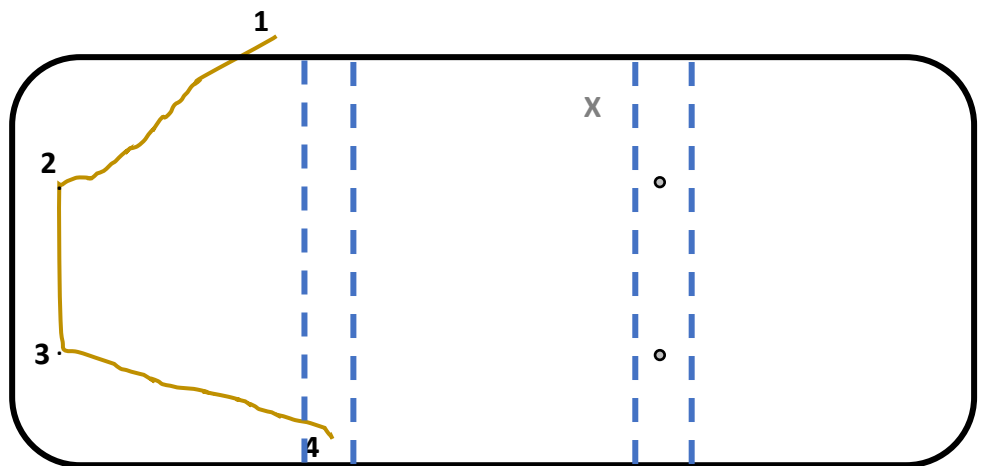
5. Use a punch tool and hammer to make holes for brads in the indicated area. Use a measuring tool (seen in blue\*) to make each hole the same distance from the edge of the board.



6. Use the same measuring tool to make holes for the string on the indicated area. These holes can be made with a leather awl and hammer.

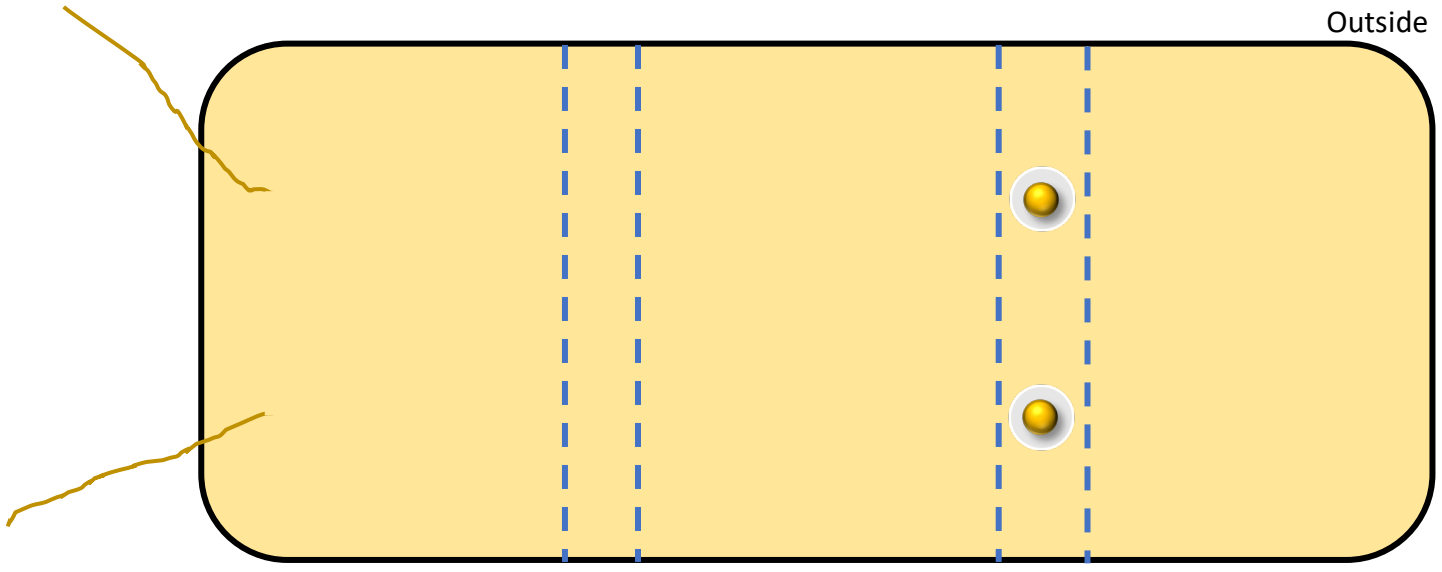
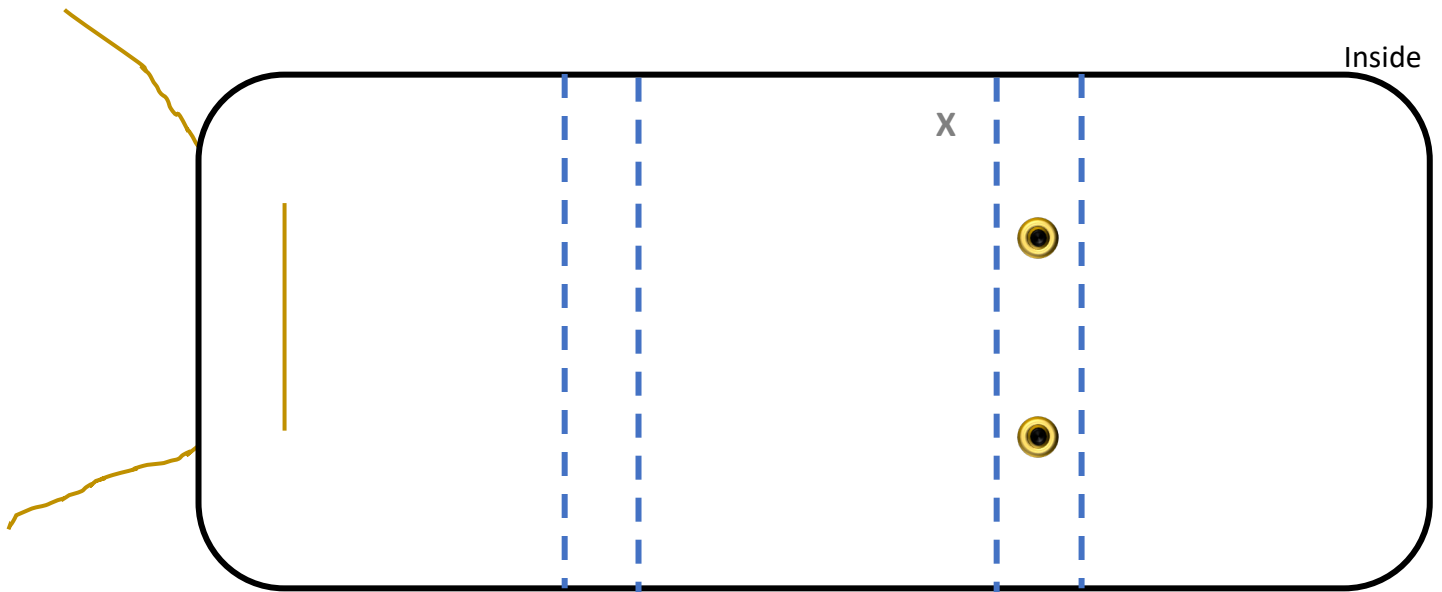
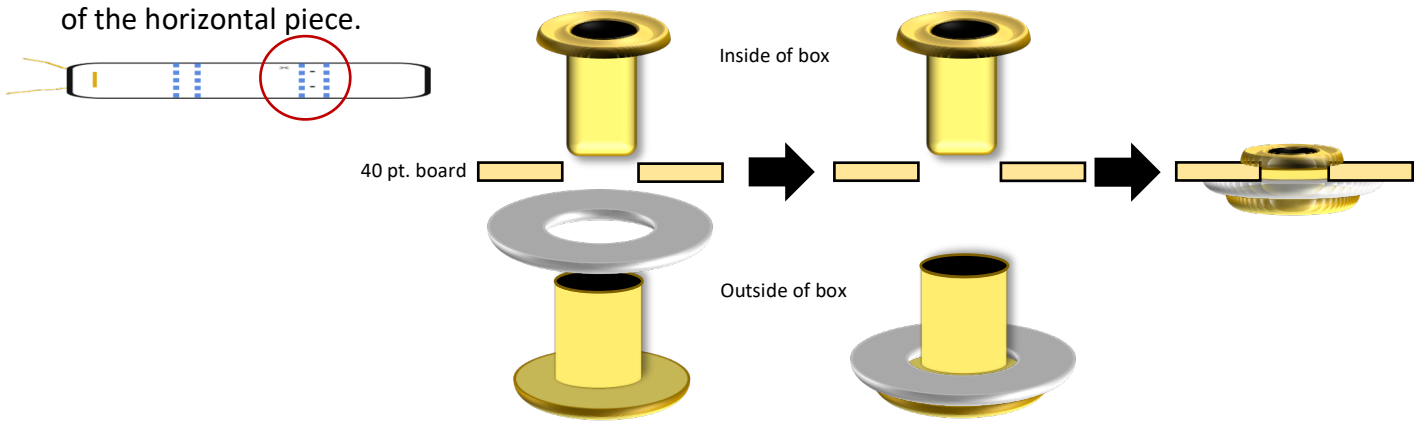


7. Round the corners. Then, measure a waxed cotton thread from the top edge (1), first top left hole (2), bottom left hole (3), then bottom edge of the horizontal shape (4), then cut. This will be used along with the brads to secure the box closed.

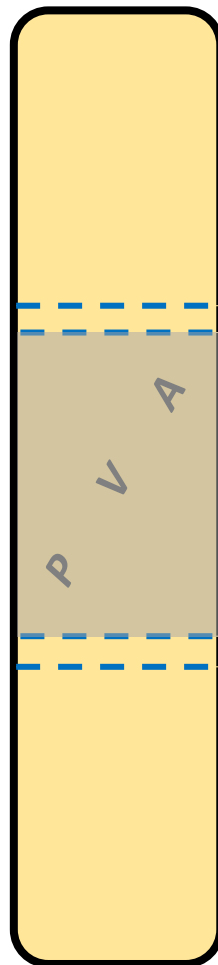


8. Secure the brads into the indicated holes on the right side of the horizontal piece.

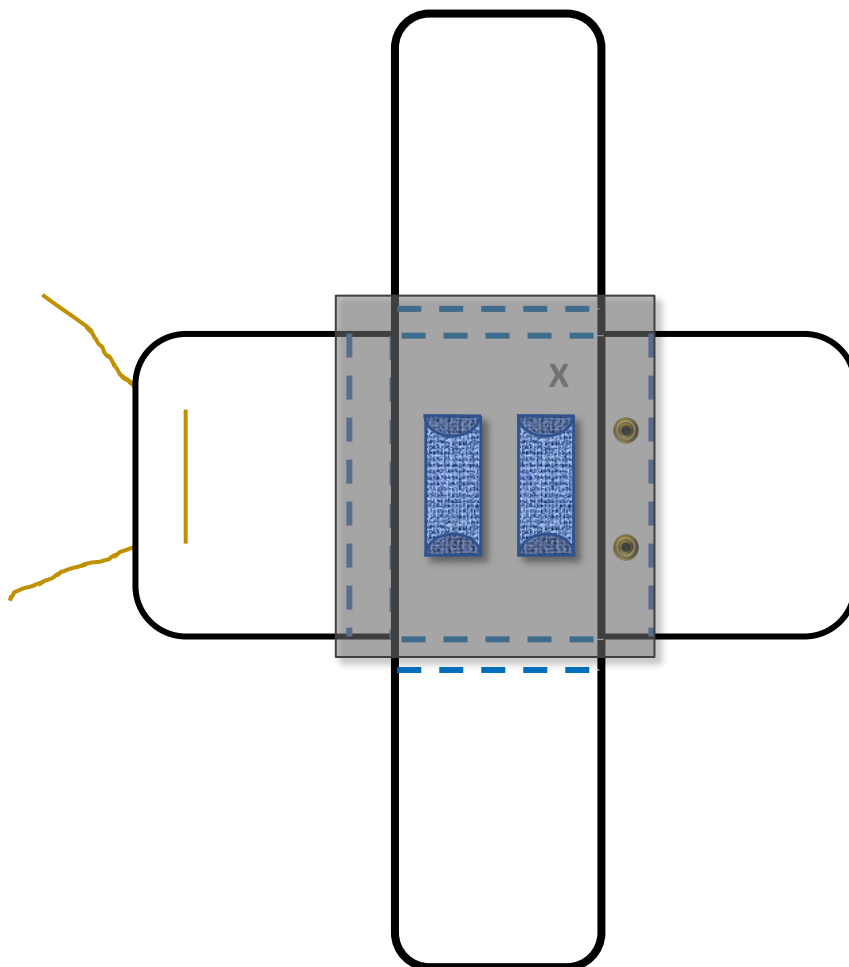
Horizontal side view:



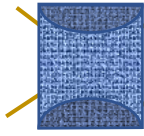
9. On the back side of the vertical piece, apply a thin layer of PVA with a roller on the center square.



10. Center the vertical piece on top of the horizontal and secure in place by pressing onto the glued area. Place a flat board and a few weights on top of the center squares, complete step #11, then leave to dry for 24 hours.



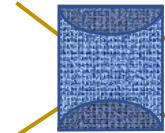
Ensure string is even by pulling them together and placing a small weight over both ends



Place glued Permalife paper centered on inside string



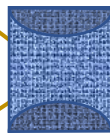
11. To secure the waxed string in place, measure a small strip of Permalife paper slightly longer than the string that appears on the inside of the box. Apply a thin layer of PVA to the entirety of one side of the Permalife strip, then place over the string as indicated. Use a handheld scraper to flatten any bubbles or lifting paper, then place weights over the glued area and leave to dry for 24 hours.



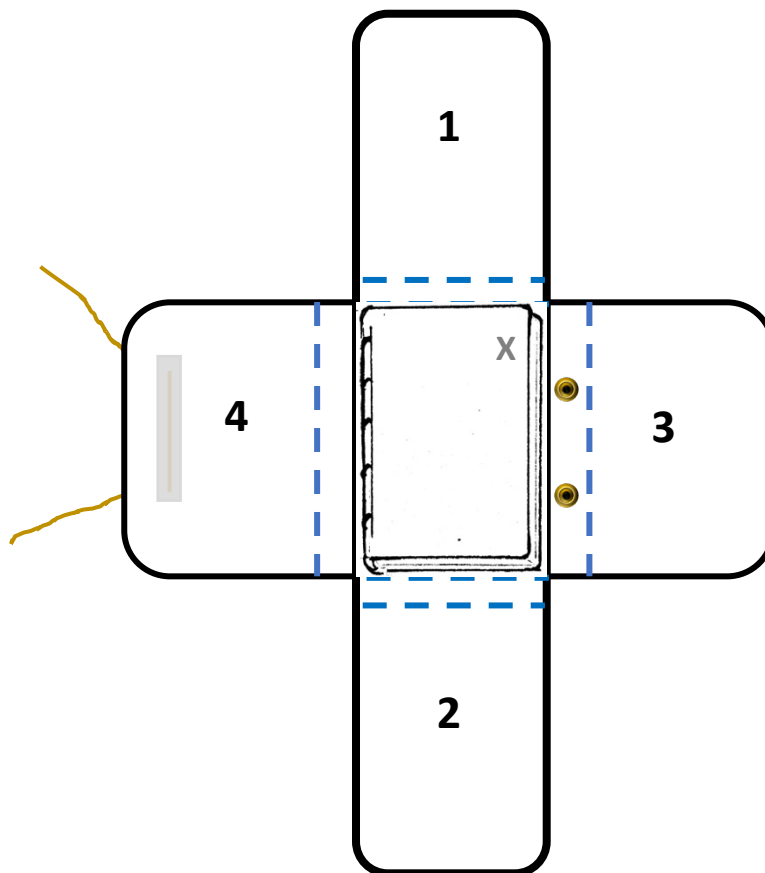
Use handheld scraper to flatten edges and bubbles



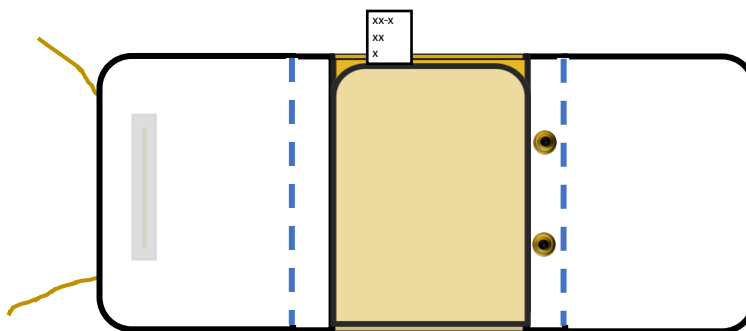
Place weight on top of the entire Permalife strip for 24 hours



12. Place the object inside and close the Phase box as indicated.



13. (Optional) If using a book flag, insert between fold #1 and #2.



14. Secure the Phase box closed by wrapping the waxed string around the brads until there is only about an inch of string left. Be sure to leave ample amounts of string on both brads for opening.

