Paper Vault
Cryptex Type
Glue all tabs

Fold all tabs in the same direction

Glue all tabs

Glue all tabs

Final assembled ring should look like this. All tabs glued in a hidden manner. The final ring looks like a solid.

Finish the ring at this step as desired. The letter strip will be glued on as a final step.

There will be 9 of these rings needed for the 5 letter combination.
Folded tabs

Finished End cap

The inner ring is used to secure the tube.

The tube will be inserted and centered on the alignment marks.

Both end caps are the same.
fold tabs inward

Align Slot with Cutout

Glue around tube and where tube meets the end cap
Cut this strip before fixing code wheels.

Do Not Glue

Glue Here

Do Not Glue

Glue Here

Do Not Glue

Glue Here

Do Not Glue

Glue Here

Do Not Glue

Glue Here

Trim the tube to the edge of the last code wheel.

Fold tabs and Glue to inside of tube to secure last code wheel.
Roll the pin strip tight and glue it to look like the small cylinder shown here.

Use cut scrap strips to shim the tube to the proper center.

You will need to build up about 5 mm of material all around the tube.

Glue the pegs to the tube on the spots shown with dotted lines.
The freely rotating parts are the code drums. You will need to attach the letter strips to the code drums.

First verify that the slot is open all the way through to the end cap by looking into the chamber. If not, then turn the code wheels to the open position. This is the unlock position.

Select a 5 letter combination and glue the appropriate letter to the unlock position of the cylinder as shown.

Glue the remainder of the strip down to the code cylinder. There is a little extra tab above the letter A. This tab will glue under the letter Z.

Once a code wheel has been encoded with the desired letter, verify that it still turns freely and that you have not glued it down.
Cut Dark Lines only
Fold Dotted Lines
Glue this end to the other end to create a tube

Install locking pegs here

Cut solid lines and fold dotted tab lines on the end caps

For tube alignment

For tube alignment

End Caps

Inner vault tube

This edge goes into end cap

Glue Here
End Caps

Cut Out Here After Assembly

Outer Tube

Roll this end to Other end and glue to form tube

Locking Pegs

Roll tight and Glue

Glue Here

Roll this end to Other end and glue to form tube

This end goes inside of end cap

End Caps

Glue tab