

## Tube Drums



### Materials

Cardboard Tube

Embroidery hoop for larger tubes

Tissue paper or fabric covering

Rawhide drumhead

Cloth, ribbon or leather trim optional

Wood glue

Upholstery tacks



1. Select tube and cut fabric or paper to cover it. Paint the tube or cover it with at least two layers of tissue paper. Paint the glue carefully onto the tube and place the pieces of tissue paper on the glue. Make sure you cover your work table with paper to avoid making a mess.
2. If you are using a large tube, reinforce the top inside of the drum by cutting a wooden embroidery hoop to the exact internal size and glue it in place to keep the cardboard from crushing from the pull of the drumhead. Get help with this.

3. Soak the rawhide drum head until soft. (Twenty minutes to an hour, depending on the thickness of the hide) The drum head should be at least two inches larger in diameter than the top of the tube. (ex. The tube is six inches in diameter, so the drum head would need to be 8 inches in diameter, providing a one inch overhang all the way around the drum for fastening.)
4. Trace the top of the tube on the drum head, perfectly centered.
5. Center the drumhead on top of the opening. Tack the drumhead to the side of the top of the drum. Use wood glue where the drumhead and tack are going to go on the outside of the tube. Leave at least a one centimeter margin from the staple to the top of the drum.
6. Stretch the drum head across the opening to the opposite side, pull it snug, but not too tight. Use wood glue and tack this opposite side.
7. Turn the drum one quarter turn and fasten the drumhead with glue and a tack, pulling snugly, then flip over to stretch and glue/tack the opposite side.
8. Continue to stretch and staple opposite sides of the drumhead until it is secure all the way around. Try to make the tacks space evenly around the drum. Really look at the drum and keep the tacks even.
9. Do not try playing the drum yet!!!! Any beating on the drum head will loosen it!!
10. If you want, cover the raw edge with cloth. Ribbon or leather trim. Glue with Plumber's goop. (Do this step while the drumhead is still wet so you can flatten it under the trim)