

HalloweenAddiction.com How-to

Collapsible Toxic Waste Drums

Materials:

- Orange Ripstop Nylon - ~1 yard (56-60"W x 36"L) - (Jo-Ann Fabrics, ~\$7)
- Orange Polyester Thread
- Galvanized Wire (12 or 14 gauge) - ~30' (Ranch / Tractor Supply store, ~\$15 for roll)
- 1 can each, black, gray, white spray paint (Home Depot, \$1 each private label)
- 2' of ¼" drip irrigation hose (Home Depot - I use this for air lines too)



- 1) Start by laying out your fabric. The width (~60") will form the circumference of the drum. The nylon will form the outside of the drum. The ripstop nylon is a good choice because it is water and wind resistant (it's used for kites).



- 2) Fold over approximately 12" of fabric from the top of the 36" side, pin it, and sew to form a ~3/4" pocket in the material. (a metal rib will go through here later)



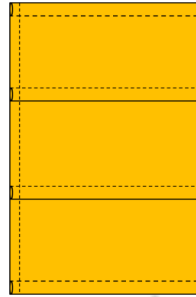
- 3) Flip the top back up, and repeat step #2 for the bottom, again sewing a ~3/4" pocket in the material.



- 4) Pin ~1" of fabric down from the top, and up from the bottom, and then sew a similar ~3/4" pocket across the top and bottom of the barrel (on the same side of the fabric as the 2 middle pockets. Now all your barrel "ribs" are sewn.

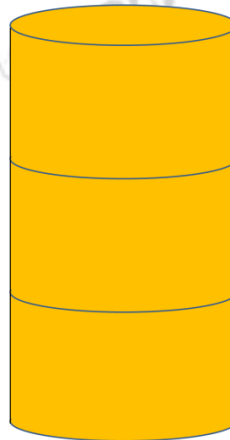


- 5) Fold the fabric in half, still with pockets "out", and line up the edge, pin it, and sew. Your barrel is now complete. You can flip the fabric inside-out and the pockets for the ribs will now be inside the barrel.



- 6) Cut the galvanized wire to the circumference of the barrel and bend it in a round shape by hand.

- 7) Starting with the middle ribs, cut a small hole into each pocket on either side of the seam (the final seam closed these) and thread the wire into the pocket. Connect the 2 ends with a short piece of drip irrigation hose.

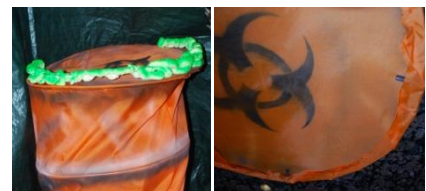


- 8) Finish the top and bottom rings similarly, but also cut 2 additional holes opposite each other to provide upright supports. Cut a piece of tubing half way, and thread onto ring within the pocket, the other half (hanging out of the pocket hole) will attach to an upright wire connected from top to bottom rings.



- 9) Cut 2 pieces of wire the height of the barrel, and slide them into the hose at top and bottom to hold the barrel upright.

- 10) Paint the barrel to look aged, and to give more dimension. White above the ribs, black below, and gray in the middle (looks like metal showing through the paint).



- 11) Optional:

- Make a stencil and paint on a bio-hazard logo (easier to do prior to assembly of wires). (See download on www.HalloweenAddiction.com)
- Bend a wire in the same circle as the barrel rib, spray with expanding foam, green paint, and attach to top of barrel
- Sew a barrel lid around a galvanized wire
- You could also use wood rather than wire for the uprights, using cable ties or other to secure to the rings at top and bottom.



Barrel collapses for easy storage.

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