

How to ITH fully lined vertical zip bag.

Materials: Medium weight cut away stabilizer.

Tapey Tape

- (1) lobster claw or d-ring
- (1) pieces 5/8" grosgrain ribbon 3" long
- (2) Pieces 1" grosgrain ribbon 2" long or (2) pieces fabric 1" x 2"
- (1) zipper that is about 2" longer than your bag size

Measurements are WIDTH X HEIGHT

HEXAGONAL BAG

5x7

EXTERIOR

- (2) 3 3/4" x 6"
- (1) 6 1/2" x 6"

INTERIOR

- (2) 3 3/4" x 6"
- (1) 6 1/2" x 6"

6x10

EXTERIOR

- (2) 4" x 7"
- (1) 7 1/2" x 7"

INTERIOR

- (2) 4" x 7"
- (1) 7 1/2" x 7"

CIRCLE BAG

5x7

EXTERIOR

- (2) 3 1/2" x 7"
- (1) 6" X 6"

Lining

- (2) 3 1/2" x 7"
- (1) 6" X 6"

6x10

EXTERIOR

- (2) 4" x 7"
- (1) 7" x 7"

INTERIOR

- (2) 4" x 7"
- (1) 7" x 7"

RECTANGLE BAG

5x7

EXTERIOR

- (2) 3 1/4" x 7"
- (1) 6" X 7"

Lining

- (2) 3 1/4" x 7"
- (1) 6" X 7"

6x10

EXTERIOR

- (2) 4" x 8 1/2"
- (1) 7" X 8 1/2"

INTERIOR

- (2) 4" x 8 1/2"
- (1) 7" X 8 1/2"

7X11

EXTERIOR

- (2) 4 1/2" x 9 1/2"
- (1) 8 1/4" x 9 1/2"

INTERIOR

- (2) 4 1/2" x 9 1/2"
- (1) 8 1/4" x 9 1/2"

8X12

EXTERIOR

- (2) 5" x 10 1/2"
- (1) 8 1/2" X 10 1/2"

INTERIOR

- (2) 5" x 10 1/2"
- (1) 8 1/2" X 10 1/2"

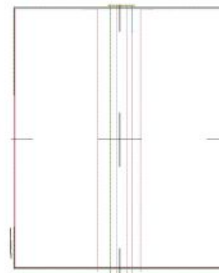
SPECIAL NOTES: PDF instructions show the Hex shaped bag, but the steps are the same for rectangles and circles. Measurements have been given for fabric exterior. If you would like to use vinyl subtract 1/2" to the height of each piece for the top and bottom fronts.

Do you have to interface your exterior fabric?

No, but if you prefer a stouter bag then interfacing will give you that.

Before we get started let's take a look at the color stop sheet that comes with your design files. The is the rectangle bag but all the stops are the same for the hex and circle. Go ahead and make notes to help you with what colors you really need to use because many of them on here are there to force stops.

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Color	Description
1. Pink	Machine Thread Color 1116 45 450000, 5.5 yards
2. Orange	Machine Thread Color 1065 104 450000, 11 yards
3. Yellow	Machine Thread Color 1068 104 450000, 11 yards
4. Olive Green	Machine Thread Color 1077 104 450000, 11 yards
5. Blue	Machine Thread Color 1116 104 450000, 11 yards
6. Red	Machine Thread Color 1103 104 450000, 11 yards
7. Yellow	Machine Thread Color 1068 104 450000, 11 yards
8. Christmas Red	Machine Thread Color 1147 104 450000, 11 yards
9. Christmas Green	Machine Thread Color 1081 104 450000, 11 yards
10. Black	Machine Thread Color 1000 104 450000, 11 yards

Color stops 1-3 are your initial die line, zipper tack down and front exterior fabric/vinyl tack down. Do these in a color that will match your exterior vinyl/fabric.

Color stops 4-9 are construction steps where you'll add the lining and hardware so your thread should match your exterior vinyl/fabric.

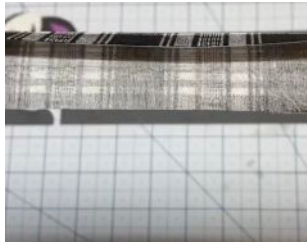
Color stop 10 DO NOT STITCH This is there to make sure your machine doesn't auto center at the end and pull/tear/mess up your hard work.

IMPORTANT INFO

The 4x4 splits hack onto the 6x10 size perfectly! You will need software to do this.

standard legal stuff

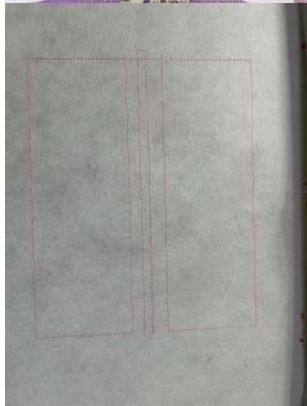
if you hack a split on weird stuff may happen due to software Dum foolery. STFA cannot guarantee results after you use software to hack your things.



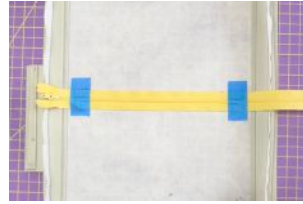
Step 1: First, you're going to take Two front fabric exterior and lining fabric pieces and press one long edge on each under $\frac{1}{2}$ ". This will be the edge that goes along your zipper. You thought I was going to say Hoop some medium weight cutaway. Didn't you?



Step 2: Now you can hoop some medium weight cutaway and **Run Color stop 1.**



Step 3: Whew! That's hard to see isn't it. Sorry. Let me mark those. That's better. Things are a little different here again. There is an extra weird looking die line in your zipper area (marked with red arrows). We're going to use this later to place our lining and know where to trim out that stabilizer. So, if you think you might not be able to eyeball it after you cut this section of stabilizer out, flip your hoop over and use a pen/marker/pencil to extend those die lines out past the bag die line edges.



Step 4: Place your zipper between the lines that 1st and 4th from the top. Ignore that extra die line, remember we're going to cut that out later. **Run Color stop 2.**



Step 5: Find your 2" pieces of grosgrain ribbon or the 1"x 2" fabric pieces you cut singe the ends with a lighter to keep them from fraying and fold them in half.

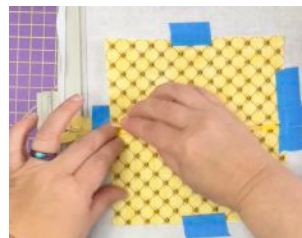
Place them over the zipper making sure the folded edge is toward the inside of the bag and they are about $\frac{1}{2}$ " in past the die line.



Step 6: Next find your exterior fabric (or vinyl) top and bottom pieces. Got 'em? Good, place folded (or cut if using vinyl) edges along your zipper, making sure those edges are bucked right up against the teeth and that they are centered left and right over the bag die line. You guessed it now tape them down! We don't want anything doing any sort of shifty shifting. **Run Color stops 3-6 3- will tack down your Vinyl/fabric (the top will only be partially tacked down, but that's ok, TRUST ME!)**

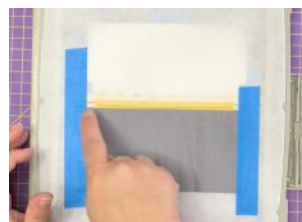


Step 7: Now it's time to line this bag. First I want you to carefully remove the tape by your zipper head and fold your vinyl/fabric and ribbon out of the way to open up your zipper teeth. Now grab your seam ripper and put a small slit in the stabilizer between the zipper

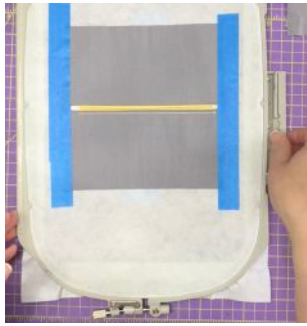


Step 7 (cont.): Remember that weird die line in the middle of the zipper area (the one I marked in red) you saw earlier, let's flip the hoop over and find that again. If you didn't extend the lines earlier but aren't feeling too confident in eyeballing things go ahead and do that now.

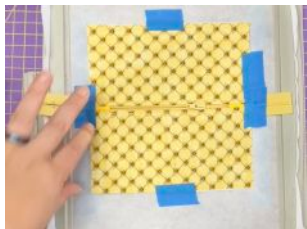
Grab your applique cutting scissors and carefully trim out the stabilizer along that weird die line. Don't trim all the way to the zipper tack, just that center section marked off with the new die line that hasn't been on any other STFA bag. Flip your hoop back over and zip your zipper back up and re-tape it down.



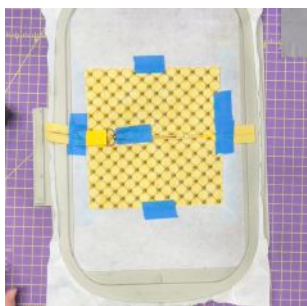
Step 8: Grab your lining piece for the left side that you folded and pressed and Line the folded edge up with the opening you cut. If you drew those lines you can use them to line up your fabric folded edges. Tape these down so gravity doesn't cause trouble. **Run Color Stop 4.**



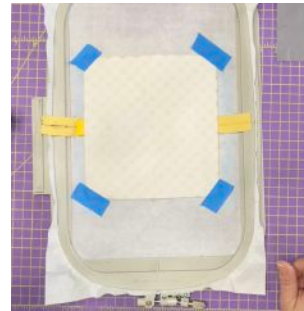
Step 9: Place the folded edge of the right lining piece along the opening you cut on the back of the hoop, tape it down and **Run Color Stop 5.**



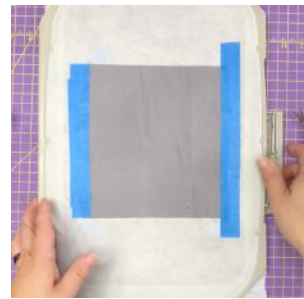
Step 10: Take off the tape on the zipper head and move your zipper tab, fabric out of the way and open your zipper again. Flip the zipper pull toward the middle of the bag and tape it down so you don't accidentally stitch it into the side seam later. Place the hoop back on the machine and **Run Color stop 6.** **This will finish your top vinyl tack down and stitch die lines for your hardware**



Step 11: Time to place the hardware. Grab your 5/8" piece(s) of grosgrain ribbons and thread them through your lobster claw or d-ring. On this bag we're going to lay them with the hardware toward the **INSIDE** of the bag with the raw edges of the ribbon about 1/4" - 1/2" past the die line toward the **OUTSIDE** of the bag. **Run color stop 7.**



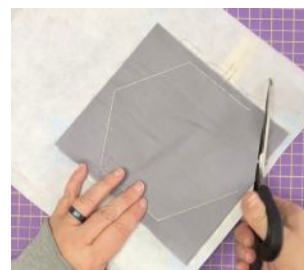
Step 12: Take your main backing piece and lay it pretty side to pretty side, lining it up so it covers all the bag die lines. If you're unsure grab a pen and flip your fabric up/down at the corners and mark where those original pink die line outer corners are. Tape the fabric in the corners and **Run Color stop 8.**



Step 13: Flip your hoop over and place your lining fabric pretty side to pretty side. Tape this down securely because again, **GRAVITY!** And **Run Color stop 9.**

DO NOT STITCH COLOR STOP 10.

This is dead stop that keeps your machine from automatically centering and tearing things up.

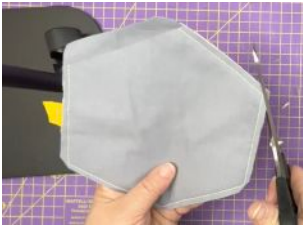


Step 14: Pop things out of your hoop look closely at the lining side, you will notice a place that is unstitched. This is your turning hole. Carefully trim about 1/2" or more away from this opening. Flip back the lining fabric so all you see is the stabilizer and the exterior fabrics and trim the exterior fabric and stabilizer to about 1/8".





Step 15: Trim the remaining sides 1/8" away from your stitch lines. You can pinking shears and hand cut if you prefer. Just don't cut off your turney tab!



Step 16: Use some scissors to snip the points off the corners without cutting the stitch line. They lay nicer.



STEP 17: Turn your bag through the turning hole so that the lining is all you see, Yes it's inside out but that's ok. Reach in and pull off the tape on your hardware, tuck your turney tabs in and if you want pin your lining opening closed.



Step 18: use a needle and thread to sew it closed. You can also use some sort of fusible seam tape or glue to do this if needle and thread isn't your thing.



Step 19: Turn everything right side out use your favorite pokey outey tool to gently push your corners



Congrats! You just made a vertical zip



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Our store: <https://stringtheoryfabricart.com/>
AND our Facebook Fan Group where you will find more helpful hints, discounts, and coupons:
<https://www.facebook.com/groups/STFAFanGroup/>