

How to ITH Fully Lined ST: Next Generation bag

Materials: Medium weight cut away stabilizer.

Tapey Tape

(1-3) lobster claws or d-rings

(2-3) 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

Woven interfacing and/or

heat n' bond Lite

Measurements are Height x Width

Please see special notes for
info about fabric exterior
cut sizes

5x7

EXTERIOR

Front

(1) 1 ¾" x 8" black

(1) 4" x 8" uniform color

Back

(1) 6" x 8" back

Lining

(1) 2 ¼" x 8"

(1) 4 ½" x 8"

(1) 7" x 8"

Applique

(1) 4" x 8" black

6x10

EXTERIOR

Front

(1) 2 ½" x 9 ½" black

(1) 4 ½" x 9 ½" uniform color

Back

(1) 7 ¼" x 9 ½" back

Lining

(1) 3" x 9 ½"

(1) 5" x 9 ½"

(1) 9" x 9 ½"

Applique

(1) 4" x 9 ½" black

7x11

EXTERIOR

Front

(1) 2 ½" x 10 ½" black

(1) 5 ¼" x 10 ½" uniform

color

Back

(1) 8" x 10 ½"

Lining

(1) 3" x 10 ½"

(1) 5 ¾" x 10 ½"

(1) 8 ½" x 10 ½"

Applique

(1) 4 ¼" x 10 ½" black

8x12

EXTERIOR

Front

(1) 2 ½" x 12" black

(1) 5 ¾" x 12" uniform color

Back

(1) 8 ½" x 12"

Lining

(1) 3" x 12"

(1) 6 ¼" x 12"

(1) 9" x 12"

Applique

(1) 4 ½" x 12" black

SPECIAL NOTES:

Traditional ST: TNG uniform colors are dark red/maroon,
mustard yellow, and teal

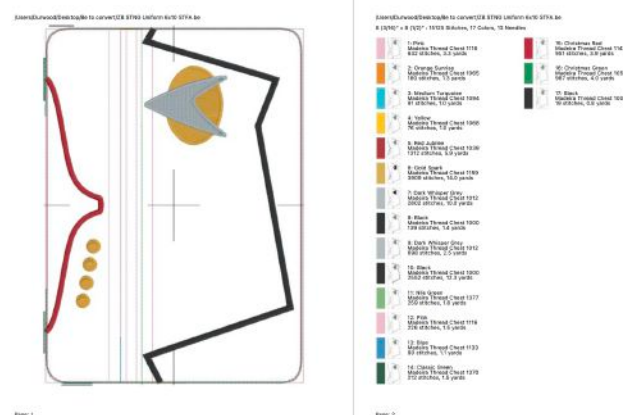
Measurements have been given for vinyl exterior and If
you would like to use fabric add ½" to the height of each
piece for the top and bottom fronts and press under ½"
to give a clean edge for placing by the zipper.

Do you have to interface your exterior fabric?

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

If you are going to use fabric for your applique we
recommend using woven interfacing or a product like
heat n bond lite on the back to help with fraying edges.

Before we get started let's take a look at the color
stop sheet that comes with your design files. 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.



Color stops 1-4 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.

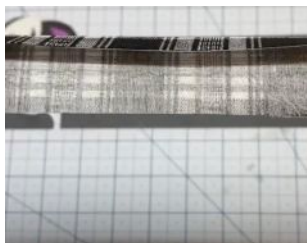
Color stop 5-7 are neck details and badge

Colors stops 8-9 are applique die line and tack down

Color stop 10 is satin detail

Color stops 11--16 are construction steps where you'll
add the lining and hardware so your thread should
match your exterior vinyl/fabric.

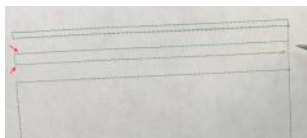
Color stop 17 DO NOT STITCH This is there to
make sure your machine doesn't auto center at the
end and pull/tear/mess up your hard work.



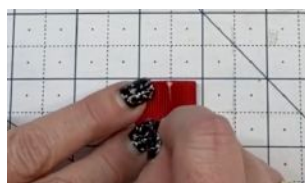
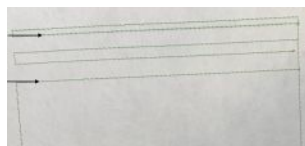
Step 1: First you're going to take your top front and bottom front lining fabric pieces and press one long edge on each under $\frac{1}{2}$ ". This will be the edge that goes along your zipper. Do this to your exterior as well if you're using Fabric instead of vinyl. You thought I was going to say Hoop 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 are 2nd and 5th from the top (marked with black arrows). 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, then mark those little folded squares at $\frac{1}{2}$ "

Place them over the zipper making sure to Line up that $\frac{1}{2}$ " mark with the bag die line and tape those bad boys down. These will be your zipper tabs!

Next find your exterior uniform color piece. Place the cut (or folded if using fabric) edges along your zipper, making sure the edge is bucked right up against the teeth and that it is 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**

3- will tack down your Vinyl/fabric



Step 6: Next find your exterior Vinyl (or fabric) top piece, Place the cut (or folded if using fabric) edges along your zipper, making sure the edge is bucked right up against the teeth and that it is 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 stop 4-8

4-partially tacks down top vinyl

5-stitches satin "Collar" so match your bottom vinyl color

6- Stitches the Gold com badge area and the pips (you can adjust rank by sitting by the machine and not stitching some of them some pips are black centers and gold outer rings which would take more patience but if you are determined it can be done)

7-silver insignia on com badge

8- black applique die line

Step 7: You can choose to trim out the excess color vinyl leaving about ¼" below the die line, or if the bulk doesn't bother you can just Place your applique vinyl and tape it down. Put the hoop back on the machine and

Run color stop 9.

9- applique tack down



Step 8: Carefully trim your applique trying not to snip your tack down stitches. You want to cut the TOP part to expose the uniform color vinyl. Put the hoop back on the machine and **Run Color Stop 10**

Step9: Now that the pretty part is all done, 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.

Now grab your seam ripper and put a small slit in the stabilizer between the zipper teeth.

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.



Step 9: (cont.) 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.

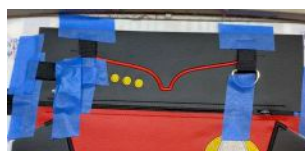
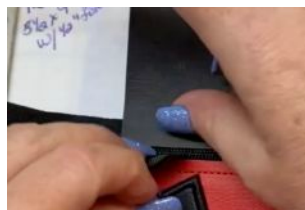


Now, Grab your lining piece for the bag bottom that you folded and pressed and line the folded edge up with the bottom of the opening you cut. If you drew those lines you can use them to line up your fabric folded edges. Tape these down so gravity doesn't cause trouble.

Run Color Stop 11



Step 10: Place the folded edge of the top lining piece along the top of opening you cut on the back of the hoop, tape it down and **Run Color Stop 12.**



Step 11: 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 13**

This will finish your top vinyl tack down and stitch die lines for your hardware

Step 12: Time to place the hardware. Grab your 5/8" piece(s) of grosgrain ribbons and thread them through your lobster claw(s) or d-ring(s). *You can choose to put one claw or ring on the side of your bag, two along the top, or all 3.* 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 14**

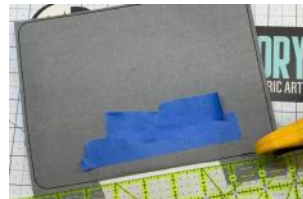
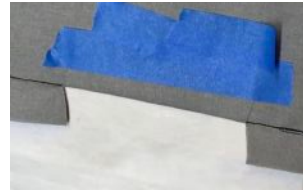
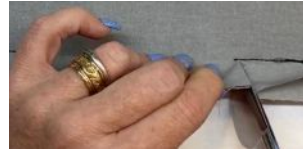


Step 13: Take your main backing piece and lay it pretty side to pretty side, lining it up So it covers all the bag die lines. If. You're unsure grab a pen and flip your fabric up/down at the corners and mark where those original pink die line outer corners are. Tape the fabric in the corners and **Run Color stop 15.**



Step 14: 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 16.**

DO NOT STITCH COLOR STOP 17. This is dead stop that keeps your machine from automatically centering and tearing things up.



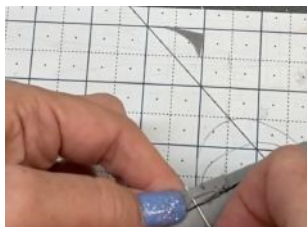
Step 17: Pop things out of your hoop look closely at the lining side, you will notice a place that is unstitched. This is your turning hole. Carefully cut from the outer edge of the fabric to just short of the stitch line on both sides of the turning hole. This makes a Turning Tab. Fold your Turning Tab up and tape it down so you don't accidentally cut it off.

Step 18: trim all 4 sides of your bag about 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 19: Use a scissors to round the corners so they lay nicer.



STEP 20: 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 21: use a needle and thread to sew it closed. You can also use some sort of fusible seam tape to do this if needle and thread isn't your thing.



Step 22: Turn everything right side out use your favorite pokey outey tool to gently push your corners



You did it, now get ready to take you bag out and explore the universe!



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<https://www.youtube.com/c/StringTheoryFabricArt>

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