

How to ITH ST: The next generation mug rug.

Materials: Medium weight cut away stabilizer.
Cello Tape (clear tape often called Scotch Tape)
Stitch Witchery or similar seam sealing tape (optional)
Blue painters Tape
Tape(Optional)
Basting spray (optional)

Measurements are Height x Width

4x4

Fabric

(1) 4" x 5" (maroon, goldenrod, or teal)
(1) 2 1/2" x 5" (black for top of uniform)
(1) 5" x 3 1/2" (back)
(1) 5" x 3" (back)

Applique

(1) 4" x 5" black fabric

Quilt Batting

(1) 5" x 5"

5x7

Fabric

(1) 4 1/2" x 8" (maroon, goldenrod, or teal)
(1) 3" x 8" black for top of uniform
(1) 6" x 5" (back)
(1) 6" x 4 1/2" (back)

Applique

(1) 4 1/2" x 8" black fabric

Quilt Batting

(1) 6" x 8"

6x10

Fabric

(1) 5 1/2" x 9 1/2" (maroon, goldenrod, or teal)
(1) 3 1/2" x 9 1/2" black for top of uniform
(1) 7" x 6" (back)
(1) 7" x 5" (back)

Applique

(1) 5 1/2" x 9 1/2" black fabric

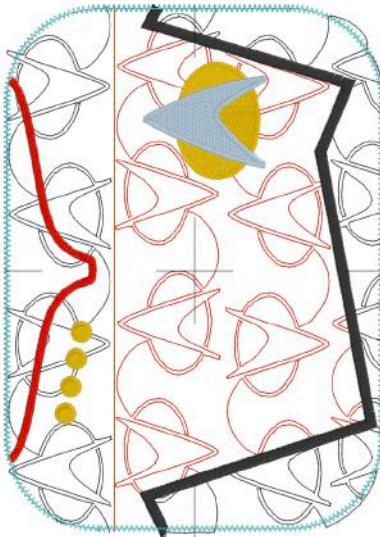
Quilt Batting

(1) 7" x 9 1/2"

SPECIAL NOTES:

This PDF pictures may not show exactly the same mug rug you are making but the steps are the same ☺.

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.



5 (1/16") x 7 (1/16") : 13572 Stitches, 11 Colors, 6 Needles	
1: True Orange	Madeira Rayon 1278 228 stitches, 1.6 yards
2: Medium Turquoise	Madeira Rayon 1094 740 stitches, 2.8 yards
3: True Orange	Madeira Rayon 1278 218 stitches, 1.7 yards
4: Black	Madeira Rayon 1000 120 stitches, 1.3 yards
5: Dark Whisper Grey	Madeira Rayon 1012 608 stitches, 0.8 yards
6: Red Jubilee	Madeira Rayon 1039 1133 stitches, 4.2 yards
7: Black	Madeira Rayon 1000 3317 stitches, 14.2 yards
8: Red Jubilee	Madeira Rayon 1039 1105 stitches, 4.4 yards
9: Gold Spark	Madeira Rayon 1159 3113 stitches, 10.3 yards
10: Dark Whisper Grey	Madeira Rayon 1012 2321 stitches, 7.5 yards
11: Medium Turquoise	Madeira Rayon 1094 869 stitches, 3.2 yards

The Mug Rug in this PDF has 11 Color stops

Color stop 1 is the Die line that will show you where to place your quilt batting. You're going to run this before placing your batting.

Color stop 2 is your quilt batting tack down.

Color stop 3 is going to tack down your fabrics so there is a nice seam between the upper and lower parts.

Color stops 4-5 are your black bottom of uniform applique die line and tack down.

Color stops 6-7 are the edge-to-edge quilting do these in colors that match the fabric so it blends and doesn't wash out your detail stitching

Color stops 8-10 are uniform color stain (do in color to match the department you picked (command, engineering, or medical/science) 9 and 10 are the communicator badge and pips use colors close to the ones suggested in the pattern.

Color stop 11 is the last stop, you'll add your envelope backing pieces before you run this stop.



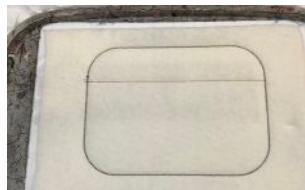
Step 1: First you're going to take your Two back fabric pieces and you're going to iron a $\frac{1}{2}$ " under on one of the LONG sides for each of them.



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



Step 3: Place your quilt batting so it completely covers the die line and **Run Color Stop 2.**



Step 4: Grab your favorite applique trimming scissors and get your cut on. Trim around that tack down as close as you can without snipping your stitches. You want to trim this so that when you turn your mug rug your edges aren't all lumpy bumpy and bulky.



Step 5: Now you can give your batting a quick ZHUSH with the basting spray. Whoa there, you don't need to apply that stuff like Aqua Net in the 80s, just a quick zhush is all you need.

Now place your front fabric over your batting. Placing the top edge of your fabric about $\frac{1}{2}$ " past the line that runs horizontally over the batting pretty side up. Pressing gently in place. Now take your smaller piece of black and lay it right on top of the other fabric pretty side down, lining up the top edges. My color fabric is under my HUGE piece of back , but it really is under there. and **Run color stop 3.**

3- fabric tack/seam



Step 6: Now you can see the seam line. Lightly zhush your black fabric then finger press it up to open the seam. **LOOK AT THAT!** Perfect seam, with no need for a thick satin stitch. Place your hoop back on your machine and **Run Color stop 4.**

4- applique die line.



Step 7: Place your applique fabric so it covers all of your die line and the bottom edge of the color fabric. **Run Color stop 5**

5- applique tack down



Step 8: get your applique scissors and trim **ABOVE** the zigzag tack down. Continue the trim up the fabric, if you are concerned about eyeballing this, you can use a chalk pencil to continue the line upward and use that to help guide your trim. Place the hoop back on the machine and **Run color stops 6 and 10**
6 & 7- edge-to-edge quilting
8 – collar satin in color to match color of fabric for department of choice
9 - Gold logo badge/ pips
10- silver badge detail



Step 9: Get your two back fabric pieces. You want to place the larger piece first. Place this with the small FOLD facing up and making sure the die line is all covered up on the top/bottom, and one side.

Step 10: Now place the smaller piece of back fabric. Again with the small fold facing UP, and making sure it over laps the last piece you placed making sure the top bottom and opposite side die lines are covered.



Step 11: This is where the cello tape joins the party. We want to cover where the machine is going to stitch over the fabric fold so that the foot can't snag it and pull things out of alignment and get all janky. Using cello tape means it will perforate easily and you won't have to pick it out of the seam. So place a piece of tape over the top and bottom stitch lines right on top of the folded fabric. You can kind of feel through the fabric for the stitch line. You can add some blue tapey tape to the outer edges if you want to play it safe. **Run Color stop 8.**

Step 12: You can now remove all of your tape. The cello tape should perforate easily and you can pull it right off.

Step 13: Pop everything out of the hoop and trim round the stitch line leaving about 1/8" seam allowance. You can use a rotary cutter to do a rough cut first to remove a lot of the excess then use some pinking shears to do the final trim around the mug rug.

Step 14: Reach through your opening in the back and turn everything right side out.



Step 15: After your mug rug is right side out, take some time to roll your seams and finger press them. Then you can take everything to the iron and give it a press.

Step 16: Now you can decide how you want to close your envelope opening on the back. You can either hand stitch it closed, or if needle and thread isn't your thing, grab a small piece of permanent fusible web such as stitch witchery or heat n bond quilters edge, and place a small piece inside the opening and press with an iron to set.

In the Immortal Words of Jean Luc Picard, you've MADE IT SEW.... Wait, that's not quite right.



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