

aloha
burn blocker
suit

Sizes:
3 mos. -
12 years



peek-a-boo
PATTERN SHOP



Materials

- Fabric:
 - 4-way stretch swim fabrics in 2 prints/colors
 - 1/8 Yard Swimsuit Lining (optional)
- Polyester All-Purpose Zipper (see chart below for length)
- Polyester Thread
- Ballpoint/Knit Needle

Size	Fits Chest Size		Fits Height		Zipper Length	Main Fabric	Accent Fabric (optional)	
	inches	cm	inches	cm			Short Sleeves	Long Sleeves
3 mos.	18"	46 cm	22-24"	56-61 cm	7"	1/2 Yard 45 cm	1/4 Yard 25 cm	1/3 Yard 30 cm
6 mos.	19"	48 cm	24-27"	61-68.5 cm				9"
12 mos.	20"	51 cm	27-30"	68.5-76 cm				
18 mos.	20.5"	52 cm	30-33"	76-84 cm				
2T	21"	54 cm	33-36"	84-91.5 cm	12"	3/4 Yard 70 cm	1/3 Yard 30 cm	2/3 Yard 60 cm
3T	22"	56 cm	36-38"	91.5-96.5 cm				
4T	23"	58.5 cm	38-41"	96.5-104 cm				
5	24"	61 cm	41-44"	104-112 cm	14"	1 Yard 90 cm	1/2 Yard 45 cm	
6	25"	63.5 cm	44-48"	112-122 cm				
7	26"	66 cm	48-51"	122-129.5 cm				
8	27"	68.5 cm	51-53"	129.5-134.5 cm	16"			
10	28.5"	72.5 cm	53-55"	134.5-140 cm				
12	30"	76 cm	55-58"	140-147 cm				

Yardage Requirements are based on a 58" bolt. If you are making the sleeves out of the main fabric you will not need additional fabric due to the wide bolt width. Metric conversions are approximate and provided for your convenience. For an exact fit you may want to work in inches.

You may sell items made with this e-Book. You may not copy, sell, or redistribute this e-Book in any form.

Choosing Your Fabric

Any swim fabric with 4-way stretch will work for this project. For optimal sun protection I recommend purchasing a fabric with UPF protection. You can find UPF fabric from the following shops:

www.rockywoods.com

www.chezami.com

www.amazon.com (search for UPF fabric by the yard)

Choosing Your Size

Measure your child's chest and height and choose the corresponding size from the size chart. The Aloha Burn Blocker Suit is designed to fit snugly; if you prefer a looser fit or if your child is in between sizes I recommend going up 1 size.

Cutting Out Your Pieces

Print your pattern pieces out at 100% with no scaling. You will not need page 17 for sizes 7 and smaller. Tape your pattern pieces together along the dashed lines to create your full size piece.

Sewing Guidelines

All seams and topstitching must be sewn with a serger or with a standard sewing machine with a ball point needle and a narrow zig-zag stitch or stretch stitch. This will give the seams the necessary stretch for dressing and play. All topstitching should be done with a double needle or a zig-zag or stretch stitch with a ballpoint needle.

Use a 1/4" seam allowance.

Sew slowly and make sure you don't stretch your fabric as you sew. If your seam looks wavy after topstitching, steam and press it and it will regain its shape. Swim fabrics can be ironed on low heat.

Embellishments

For extra fun you can embellish your burn blocker suit before assembly.

For an applique cut out your design from a contrasting fabric and topstitch in place with a standard straight stitch. You might find it helpful to secure the design with fusible webbing before topstitching.



You can also embellish with freezer paper stencils and fabric paint. Cut out your desired image and then iron the freezer paper to the swim shirt shiny side down and on low heat. Dab on your paint (a few thin coats works best), let dry, and peel off the freezer paper.



Assembly

1. With right sides together (RST) fold the zipper shield piece in half with the long edges lined up. Sew together along the curved tail segments.



2. Turn the zipper shield right side out. Serge or baste the long edges together.



3. Lay the zipper face-up on top of the zipper shield with the right edge of the zipper aligned with the straight edge of the zipper shield. The top zipper stop should be 1.5" below the tip of the shield. Tuck the top end of the zipper tape over to the side and baste the zipper in place 1/8"-1/4" inside the zipper teeth.

*Tip: On the slippery swim fabric I found it was easier to use my standard presser foot instead of my zipper foot for all steps of the zipper installation.



4. Wrap the tip of the zipper shield over the zipper and baste in place along your stitching lines from step 3.

*Tip: Once you're comfortable with this you can combine steps 3 and 4.



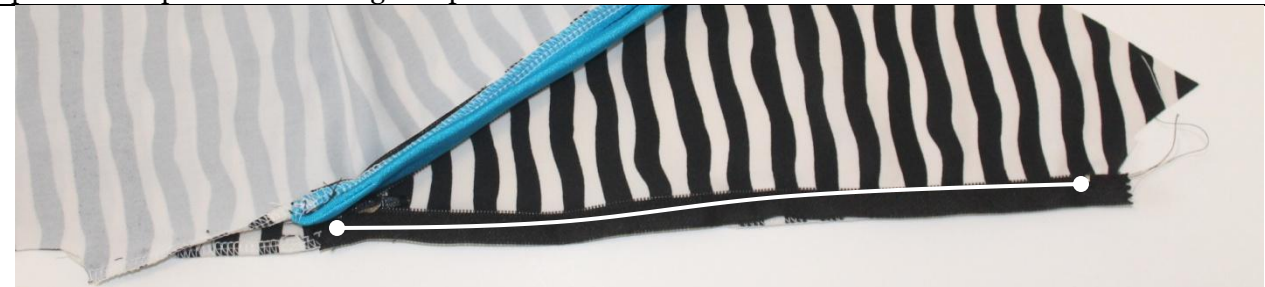
5. Lay the zipper face-down on the left front piece (from the wearer's perspective) with the top of the zipper shield 3/8" below the neckline edge. Sew in place using a straight stitch right along your basting stitches from steps 3 and 4. Zip your zipper up and down to make sure you don't have sticky spots. If it's catching you might need to un-pick that section and sew in place a little further out from the zipper teeth.

*Tip: If you are using a serger to assemble your suit, you can serge the center front edges of the left front piece and the right front piece before installing your zipper to add some stability.



6. With the zipper face-down sew the other side of the zipper to the right front piece. The top zipper stop should be $\frac{3}{8}$ " below the neckline edge. Sew in place $\frac{1}{8}$ "- $\frac{1}{4}$ " inside the zipper teeth using a straight stitch. Zip up and down to check for any sticky spots. Do not trim the excess zipper tape yet.

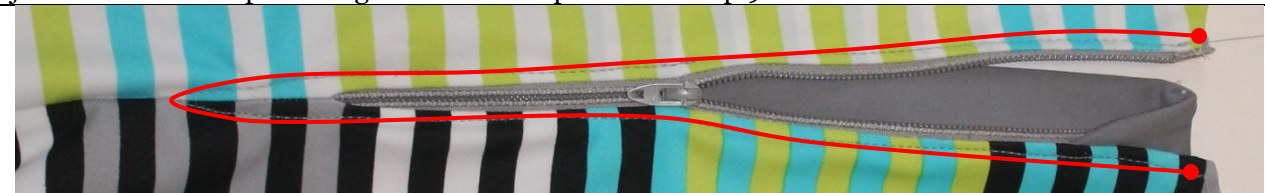
*Tip: If you are trying to line-up stripes I recommend basting the zipper first, checking to see if the print lines up and then sewing it in place.



7. With RST sew the left and right front together along the center seam starting at the crotch and stopping just beyond your bottom zipper stop. Make sure you move the zipper shield out of the way as you sew. Do not use your serger for this step.



8. *Optional: Topstitch the zipper in place using a straight stitch. This will help prevent the fabric from getting caught in the zipper teeth. Start at the neckline $\frac{1}{4}$ " beyond the zipper teeth. Taper in towards the center seam once you've passed the bottom zipper stop and then topstitch up the other side. You will need to move the zipper shield out of the way as you sew, so you don't sew the suit shut. Keeping your stitching straight on swim fabric can be tricky so if your zipper goes up and down just fine without topstitching feel free to skip ahead to step 9.



Finished view of the installed zipper

The top of the shield wraps around to the front to protect chins from chafing. Once the zipper pull is tucked up inside the shield it also helps prevent toddlers from unzipping the suit at inopportune moments :)

The neckline will be in the way of the zipper shield at this point but will lay flush after the neck binding is sewn on.



9. *Optional Lining With wrong sides together baste the lining piece to the inseam accent piece along the outside edges.	
10. With RST sew one long edge of the inseam accent piece to the front inseam. If you included the lining the swim fabric is the right side and the lining is the wrong side.	Finished View:
	
11. With RST sew one sleeve to the front of the suit along the angled edge.	
12. With RST sew the 2nd sleeve to the front of the suit.	

13. With RST repeat steps 9 and 10 to sew the remaining angled sleeve edges to the back of the suit.

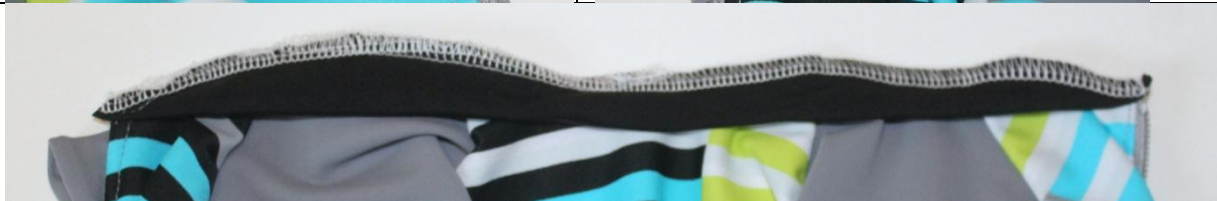
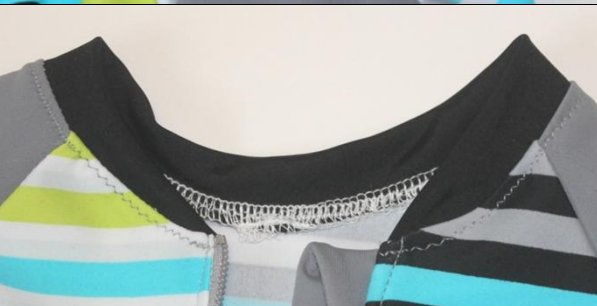


14. With RST sew up the sleeve inseam and suit side seam in one continuous seam on both sides of the suit.

***Tip: If you are doing a baby size you might find it easiest to finish your sleeves before completing this step. The finish isn't quite as nice but it is easier to sew. See below for help:**

- Short Sleeves: See step 16
- Long Sleeves: Follow the steps below instead of steps 19-20:
 1. Fold the cuff in half with wrong sides together and the long edges lined up.
 2. Stretch the cuff to fit the bottom edge of the sleeve and sew both raw edges to the bottom edge of the sleeve on the right side of the fabric
 3. Flip the cuff downward



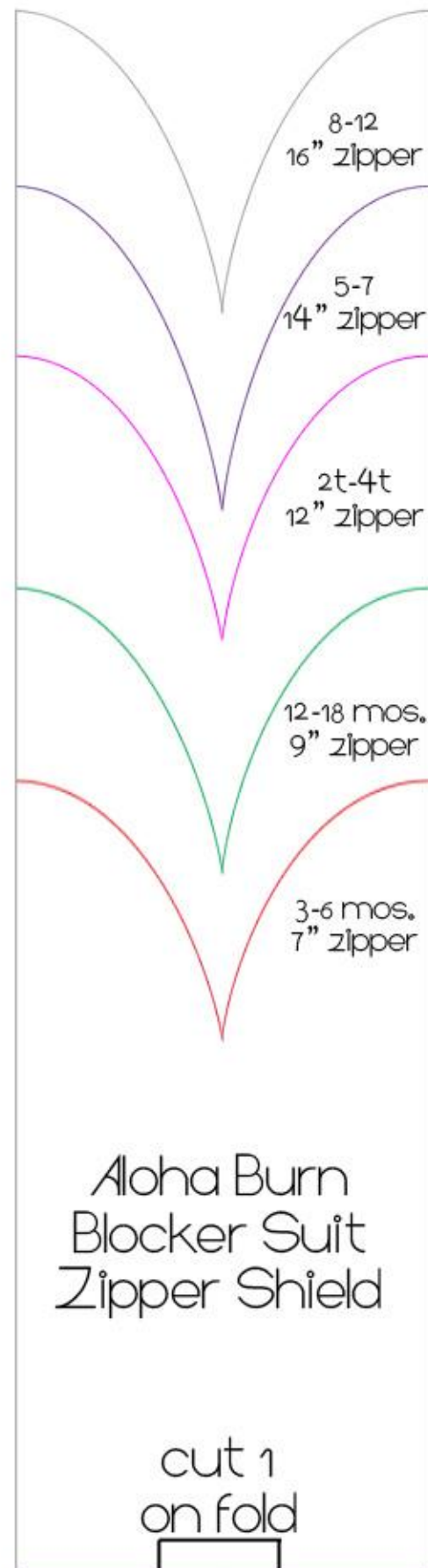
15. With RST sew the remaining long edge of the inseam accent to the back inseam of the suit. *Tip: In the smaller sizes you may find it easiest to hem the legs first (step 16) and then complete this step. The finish isn't as nice but it is easier to sew.	
16. Fold the bottom edge of each leg up 1/2" towards the wrong side of the fabric. Topstitch in place with a double needle or zig-zag stitch. *If you are doing the short sleeve option, repeat with each sleeve.	
17. Fold the neck binding piece in half with wrong sides together. Pin the center-point in the neck binding to the center back of the suit on the right side of the suit. The raw edges of the neck binding should be aligned with the raw edge of the neckline. Stretch the neck binding to fit the neckline making sure it is evenly distributed. The tips of the neck binding should end at the center front edge just above the top zipper stop. If you are using a serger I recommend basting the tails in place first. Sew in place. Trim away any excess zipper tape.	
	
	
18. Flip the neck binding up and topstitch the seam allowance to the neckline using a double needle or zig-zag stitch.	

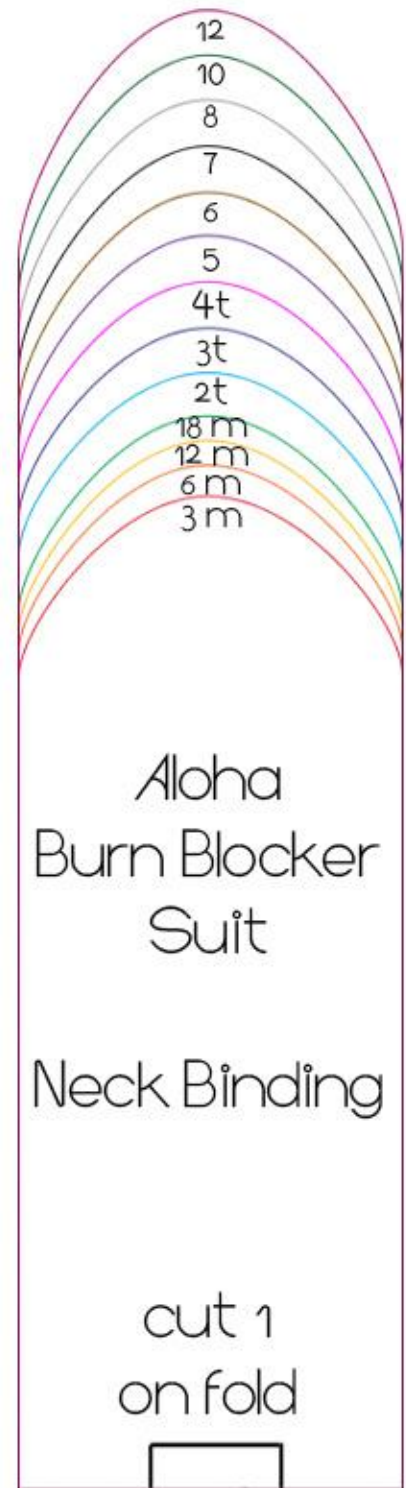
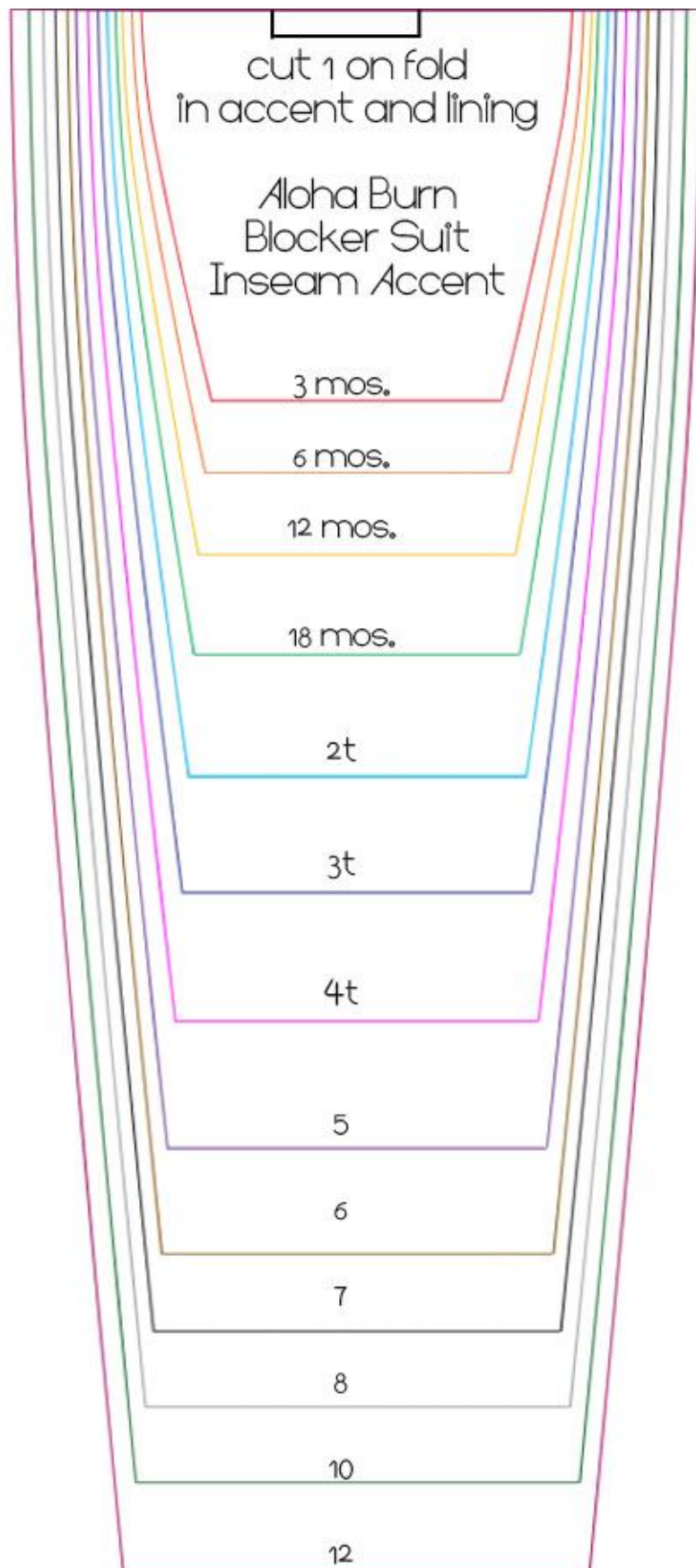
Long Sleeves Only	
19. With RST sew the short ends of each sleeve cuff together to form a loop. Bring the bottom edge up so the cuff is double thickness and the seam is enclosed.	
20. With RST slide the cuff over the bottom edge of the sleeve. Line up the seam in the cuff with the sleeve inseam. Stretch the cuff to fit and sew together. *Tip: Try the suit on to check the sleeve length	

Stuck? Email "peekaboopatternshop@gmail.com" for help or suggestions to improve this pattern.

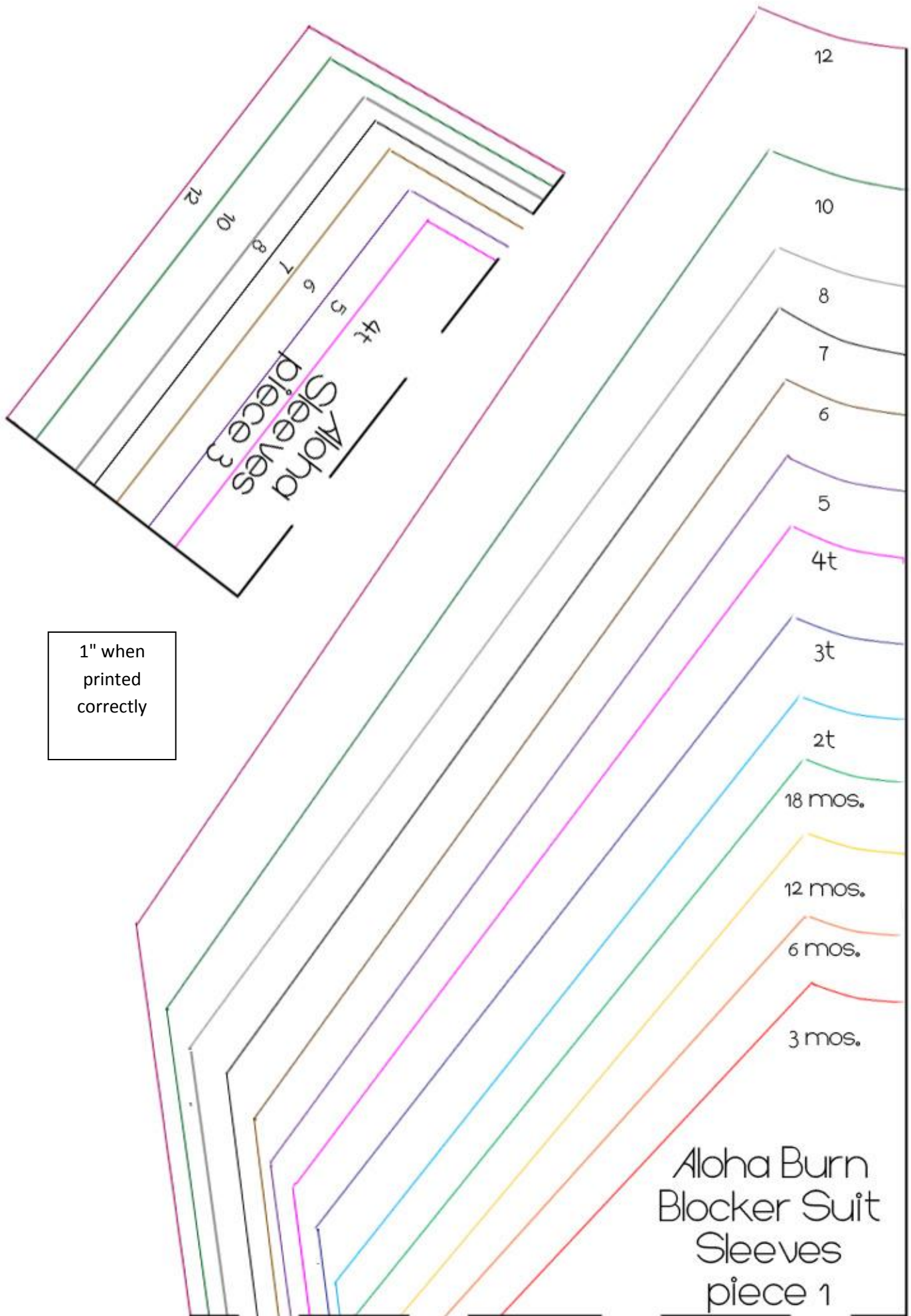


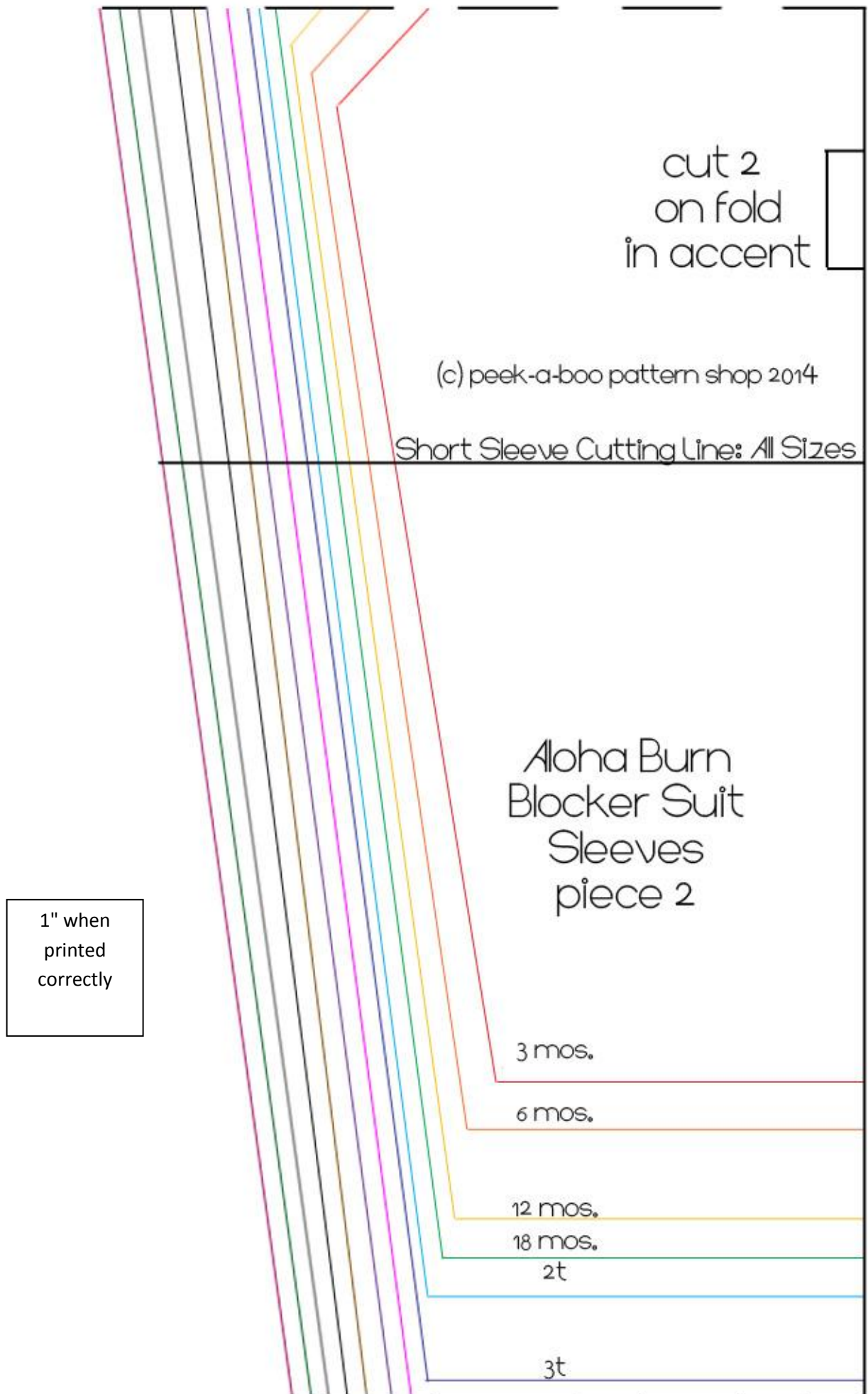
1" when
printed
correctly

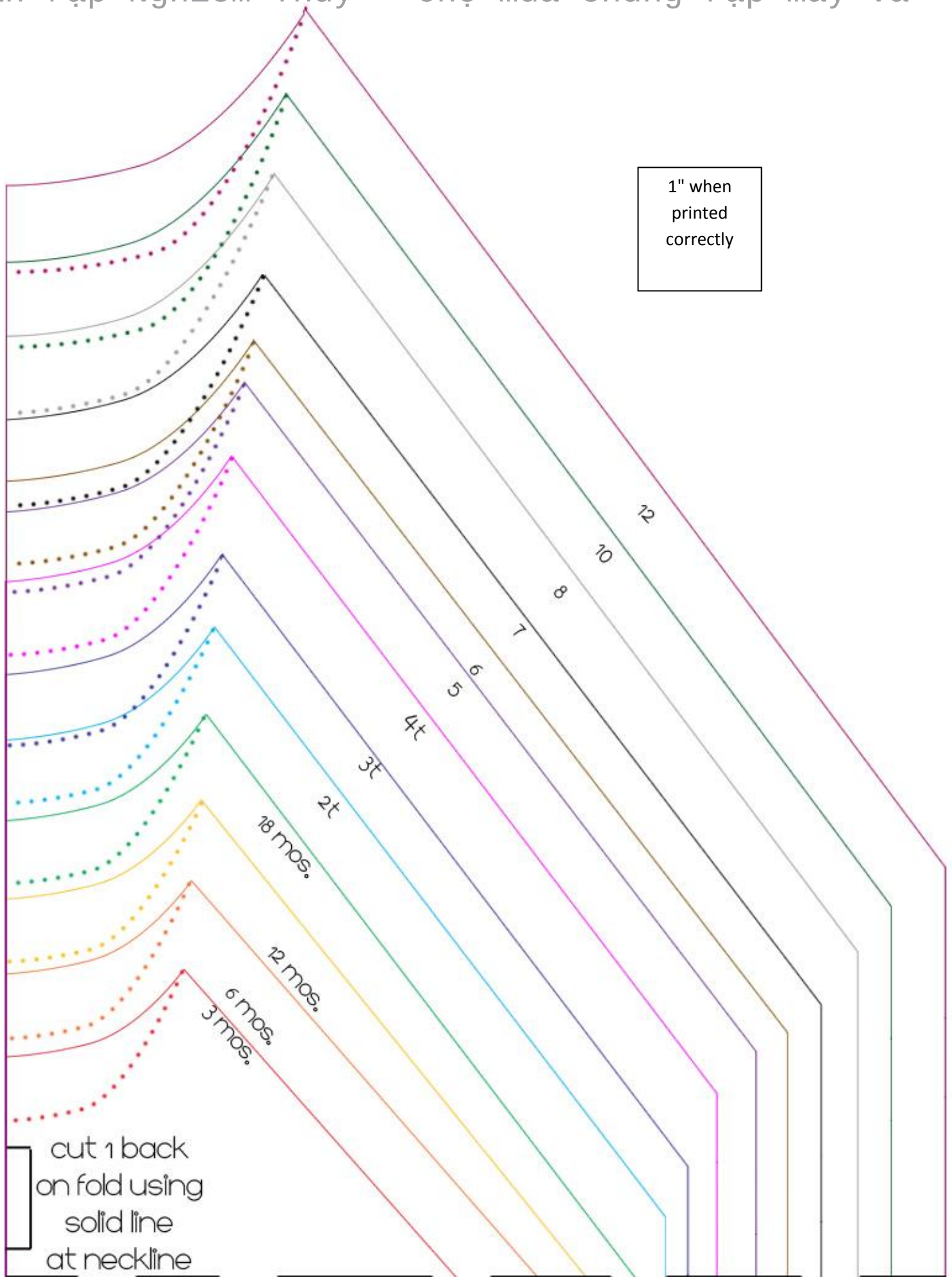




1" when
printed
correctly







cut 1 left and
1 right front
using dotted
line at neckline

Aloha
Burn Blocker
Suit
piece 2

1" when
printed
correctly

(c) peek-a-boo pattern shop 2014

12
10
8
7
6
5
4t
3t
2t
18 mos.
12 mos.
6 mos.
3 mos.

