

## **Projector Files ... Read First before Starting.**

Hello Sewers! This is our first pattern package to include projector files for cutting pattern pieces. Your feedback will be very helpful for us so please contact us at [madcaphats@gmail.com](mailto:madcaphats@gmail.com) if you have some suggestions, criticisms and comments for future patterns.

Projector Cutting means you don't have to tape together pieces of paper for cutting pattern pieces. It is becoming very popular and there is a great group of Facebook that is a wonderful source of inspiration, help and tips that you can join for more information.

Join the group <https://www.facebook.com/groups/ProjectorsForSewing>

**This pattern is contains the piece for two styles of Hoodie ... The Hoodie Scarf and the Hoodie Neckwarmer. Each has it's own step by step video on YouTube. We suggest that you watch the videos before starting the project. There are many tips in each and although we cut with the paper pattern, the sewing steps are the main focus of the videos. For the Neckwarmer, there are 3 Options in the pattern so make sure you watch the video first to determine the pieces that you need to cut for the Option that best suits you. For the Scarf, you can extend the length of your cut for the scarf pattern piece to the grain edge of the fabric as the pattern piece is not usually as wide as most fleece.**

**Find the Hoodie Scarf Video here ... <https://youtu.be/u68Com4ZaiA>**

**Find the Hoodie Neckwarmer Video here ... <https://youtu.be/xbN-2rILw2M>**

We have set these files up so that each size is it's own page. Find the size you need and then save that page on your device that you will use for casting or mirroring to your projector. Use the tips on our Head Size Measuring Sheet to determine your head size. Average adult Women's size is Medium which is 22.5" in circumference or 57.5 cm and average adult Men are 23.5" or 60 cm.

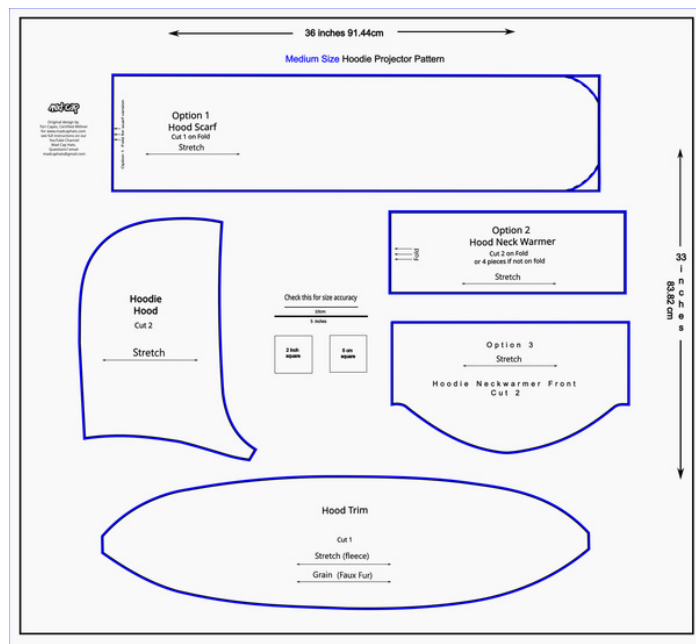
The Seam Allowance of 3/8" or 1 cm is built into the pattern pieces at the black line. If you use a larger seam allowance of 1/2" or 1.25 cm, cut to the outside edge of the colored shadow around each piece.

Our projector files are designed on a 36" wide grid or 91.5 cm in width in PDF format. You can also choose to print the projector files if you want a large paper copy for cutting. If you decide to do this, make sure the printer chooses Actual Page size and check the measuring lines or boxes for exact accuracy before you leave the print shop.

**We have dark projector files available so if you would like to have a copy of the dark set please contact us via email so we can send them to you at your email address for no additional charge. Contact us at [madcaphats@gmail.com](mailto:madcaphats@gmail.com) and subject line "Dark Projector Files for Hoodie" for quick response.**

### **Tips for using Projector Files.**

1. Position the fabric you are cutting so the stretch will match the direction of the stretch arrows on the projected pattern. I suggest that you have your fabric facing you with the wrong side up or the right sides together if folded so you have more choices about how to transfer the image if you trace before cutting.
2. Scale the pattern up or down using your PDF program on the device you are using to send the pattern to your projector, to calibrate the measuring lines and or boxes on the pattern. This will be a percentage of the Actual Size of the pattern depending on many factors including the distance between your projector and cutting table etc. For me, the pattern matched the actual original pattern pieces at 31.5% of Actual Size.
3. Trace the outline of your pattern with a washable marker directly on to the fabric's wrong side or use pattern weights to hold the fabric in place when cutting. Cut or trace to the black outline inside the colored shadow on each piece if you are using a 3/8" or 1 cm seam width or cut to the edge of the colored shadow outlines if you use a 1/2" or 1.25 cm seam allowance.
4. Save your pattern and settings on your device and on a free program like Dropbox or Google Drive so you can use it over and over again.



This photo (left) is the actual Projector image PDF of the size Medium Projector File Pattern.

Once projected on your cutting surface, use your ruler or tape measure to check the lines or boxes near the center to calibrate your projector and match the size exactly.

# Mad Cap Hats ... How to determine Head Size ...

Size is Important!

One of the secrets to finding the perfect hat, and sewing the perfect hat, is knowing what your head size is. Measure circumference for your head to determine the size of Hoodie Scarf you will need. Although this is a relaxed fit, a loose fit, it is always helpful to know your head size.

About head size ... The Average head size for a women is 22.5 inches or 57.5 cm and for a man it is 23.5 inches or 60 cm. That leave the other half of us not in the average size range.

Many of us do not fit these average measurement but the hat industry continues to use them. You can cut the pattern pieces to customize your fit and if you need help with this, send me an email and I can help you with this.  
madcaphats@gmail.com

So your first task is to measure your head.

Head Size:

To measure a head, a fabric tape measure should be placed around the head, where a hat would sit. Make sure the tape is comfortably positioned and not too tight. This means the tape should be just above the eyebrows and just above the top of the ears.



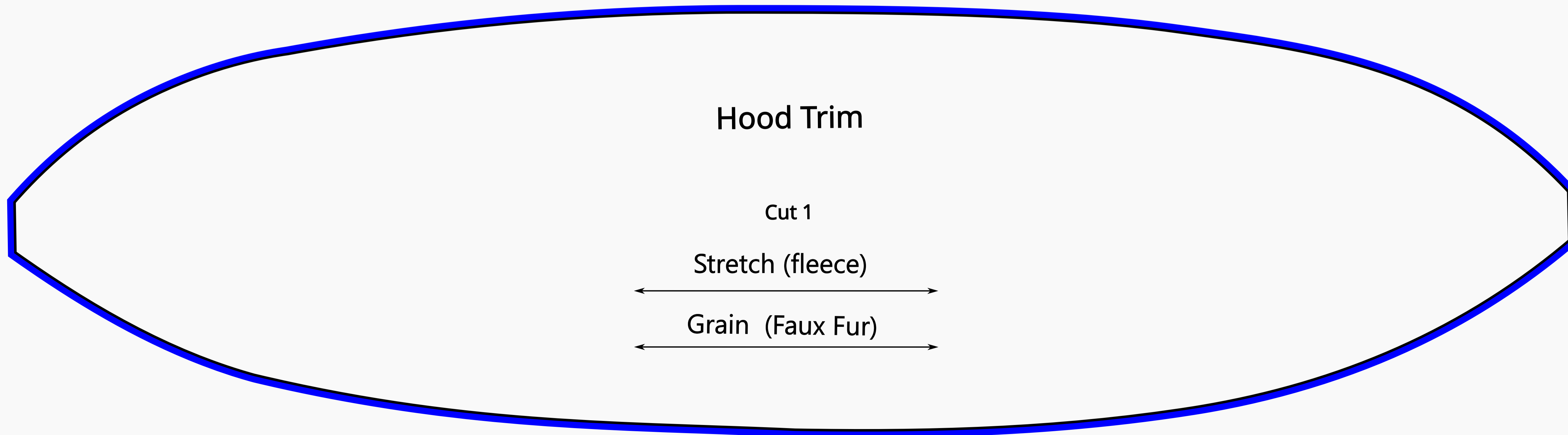
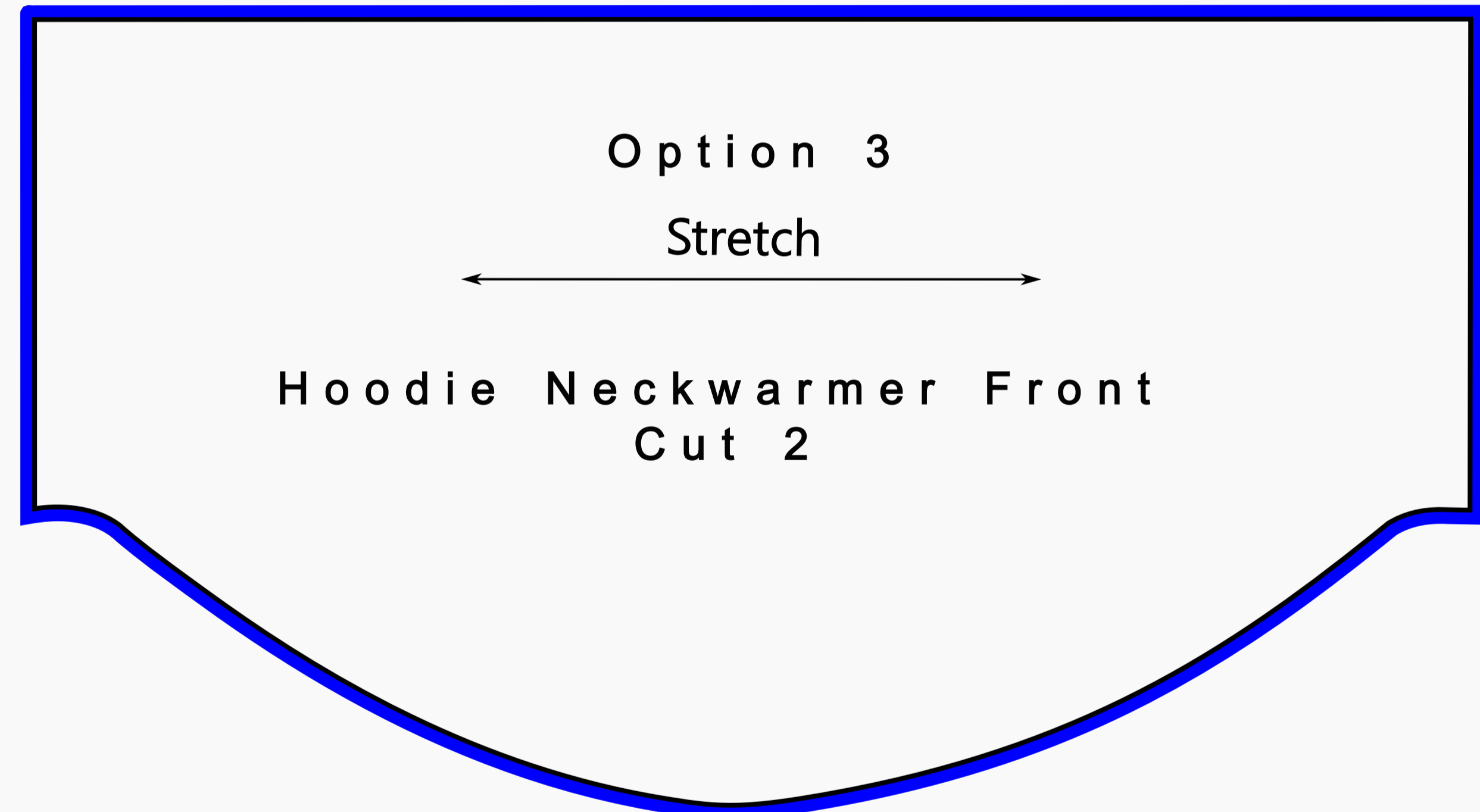
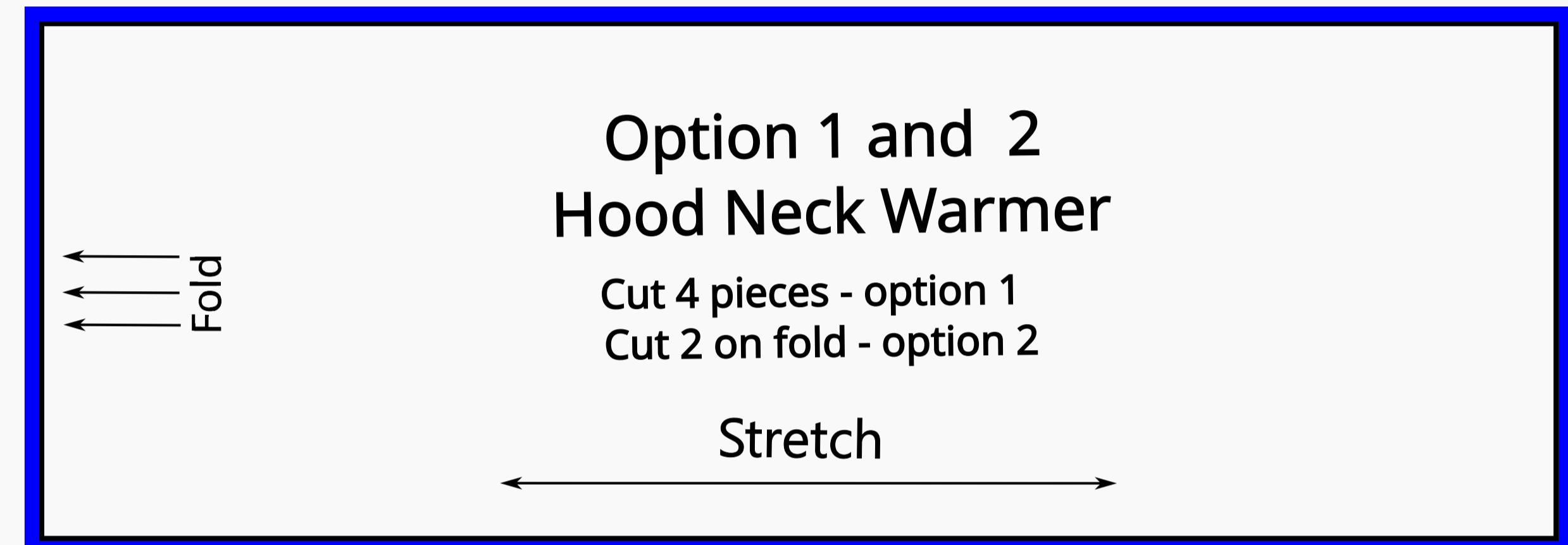
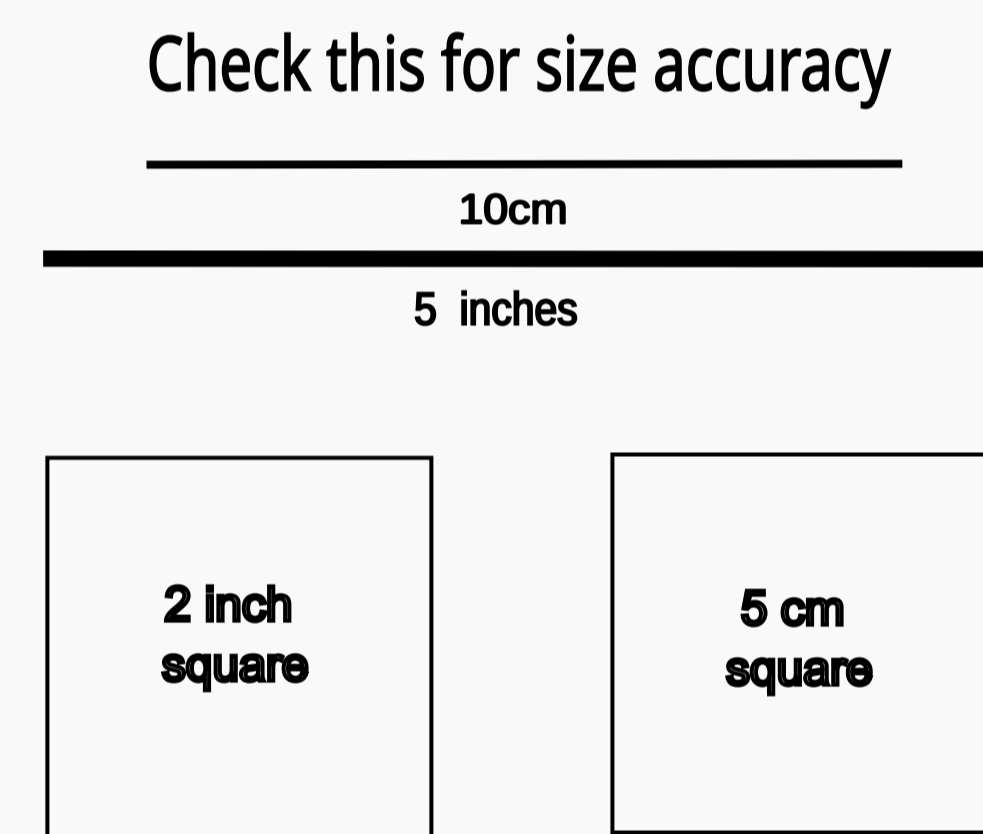
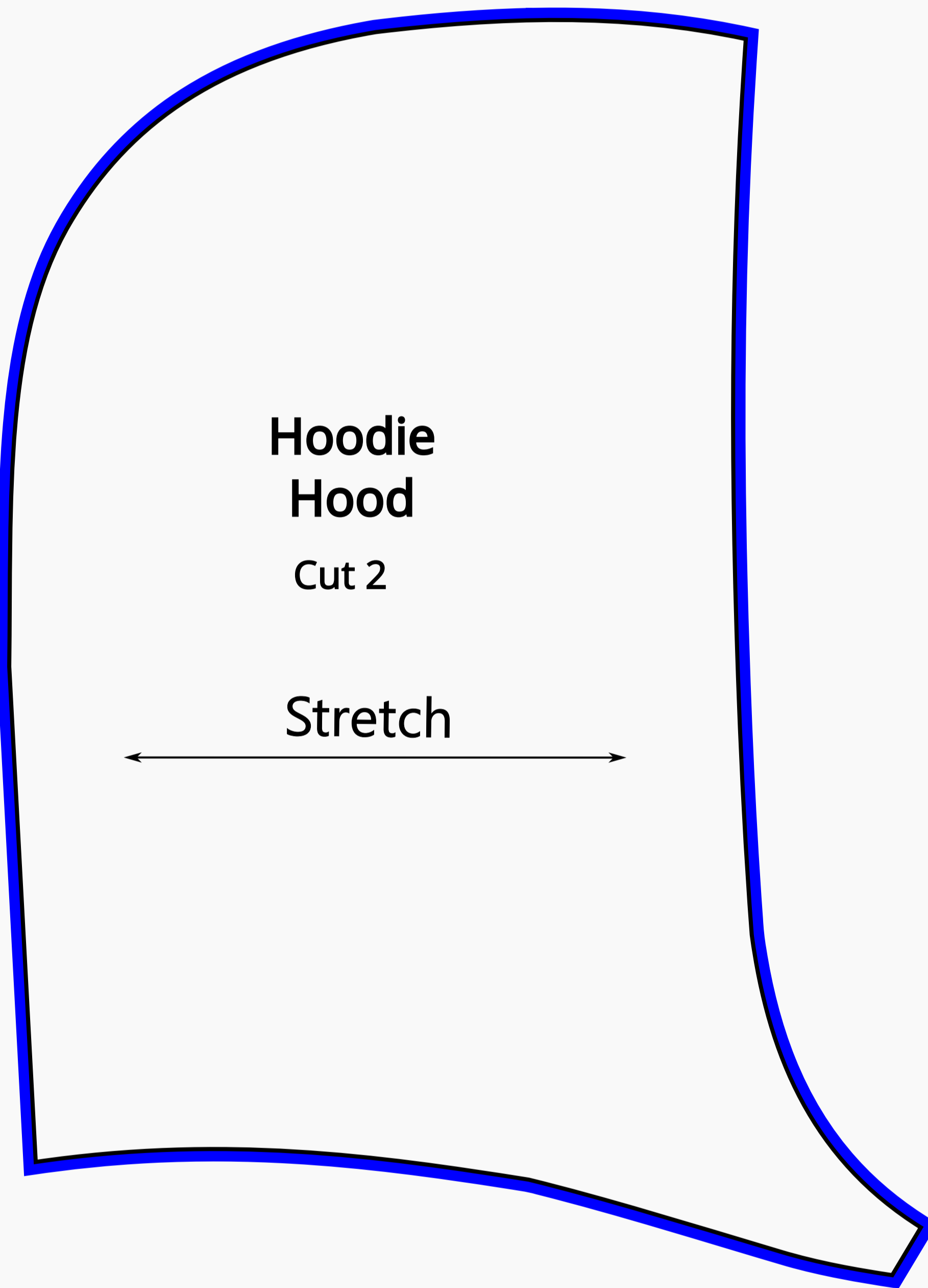
Head Size\_\_\_\_\_

36 inches 91.44cm

### Medium Size Hoodie Projector Pattern



Original design by  
Tori Capes, Certified Milliner  
for www.madcaphats.com  
see full instructions on our  
YouTube Channel  
Mad Cap Hats.  
Questions? email  
madcaphats@gmail.com



33 inches  
83.82 cm