

HOW TO SERIES - FELT HAT TUTORIAL - MAKING A RESIST FOR FELTING

How to

series

MAKE A RESIST FOR A FELTED CLOCHE



To wet felt a hat you will need to work with a resist. But, because wool shrinks when felted, your resist will have to be bigger than what you want your end result to be.

So, let me show you **how to make a resist in the right size for a wet felted hat - in 3 easy steps.**

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GOING THE DODO WAY

A cloche is probably the easiest hat shape to felt. So, it might be a good idea for a first hat project.



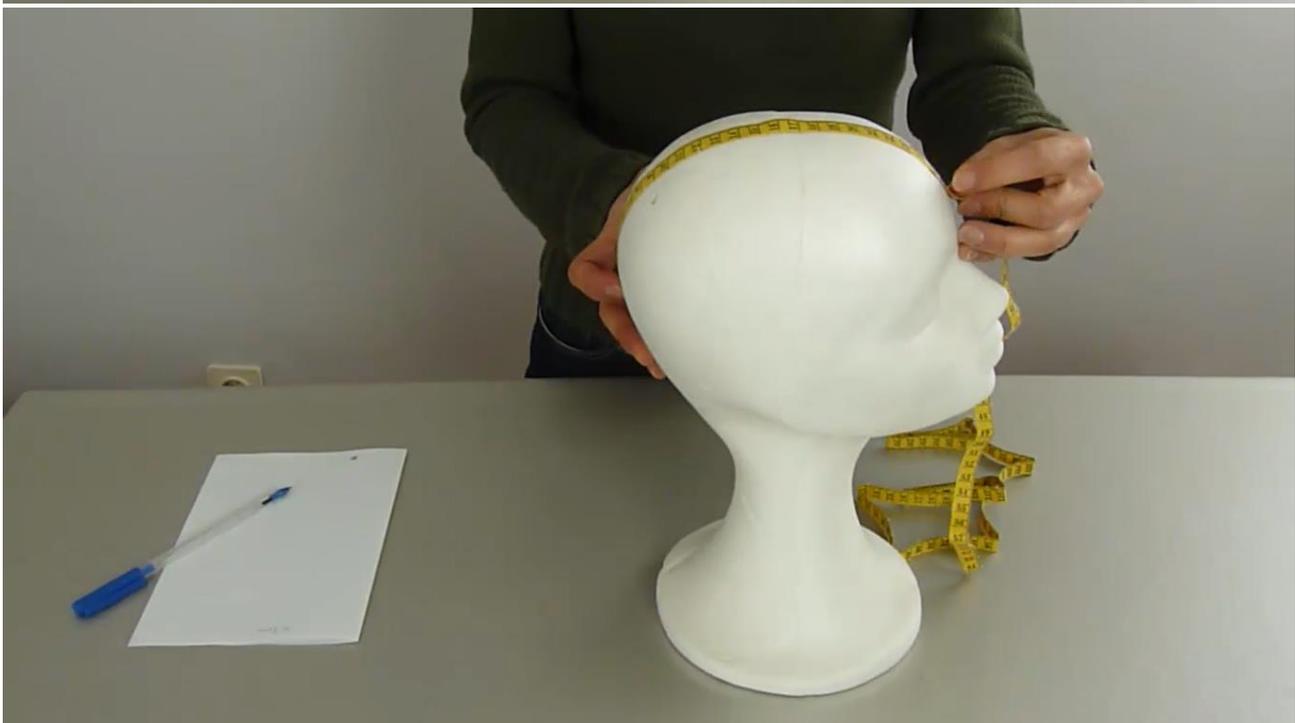
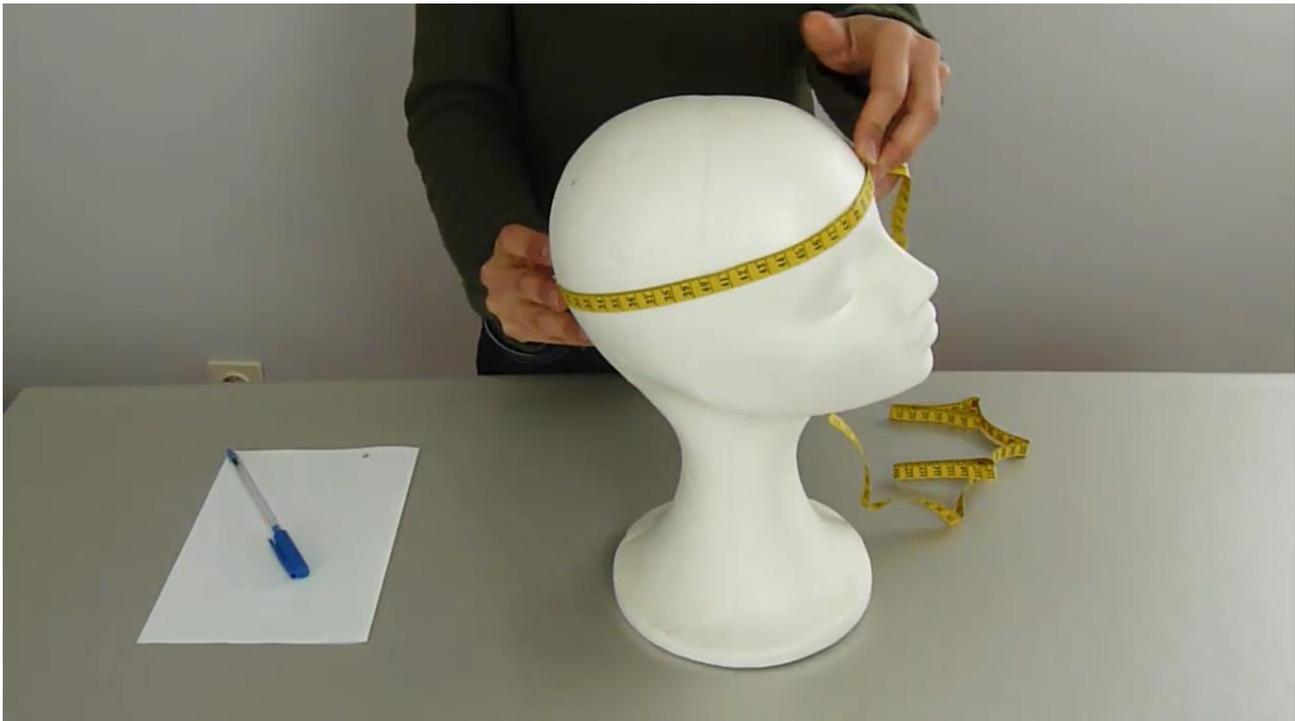
Part 1: Measure the head

The first thing you need to do is to measure your head. And you'll need 2 different measurements:

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1. The **circumference of the head** (place the measuring tape where your hat is going to sit).
2. The **length from the forehead to the back** (place the measuring tape on the forehead, where you measured the circumference, pass at the top of the head, and finish at the back of the head, again where you measured the circumference).

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Part 2: Determine the shrinkage of the wool



Part 2: Determine the shrinkage of the wool

You'll need to know how much your wool will shrink, so you'll have to make a sample with the wool you're planning to use for your project.

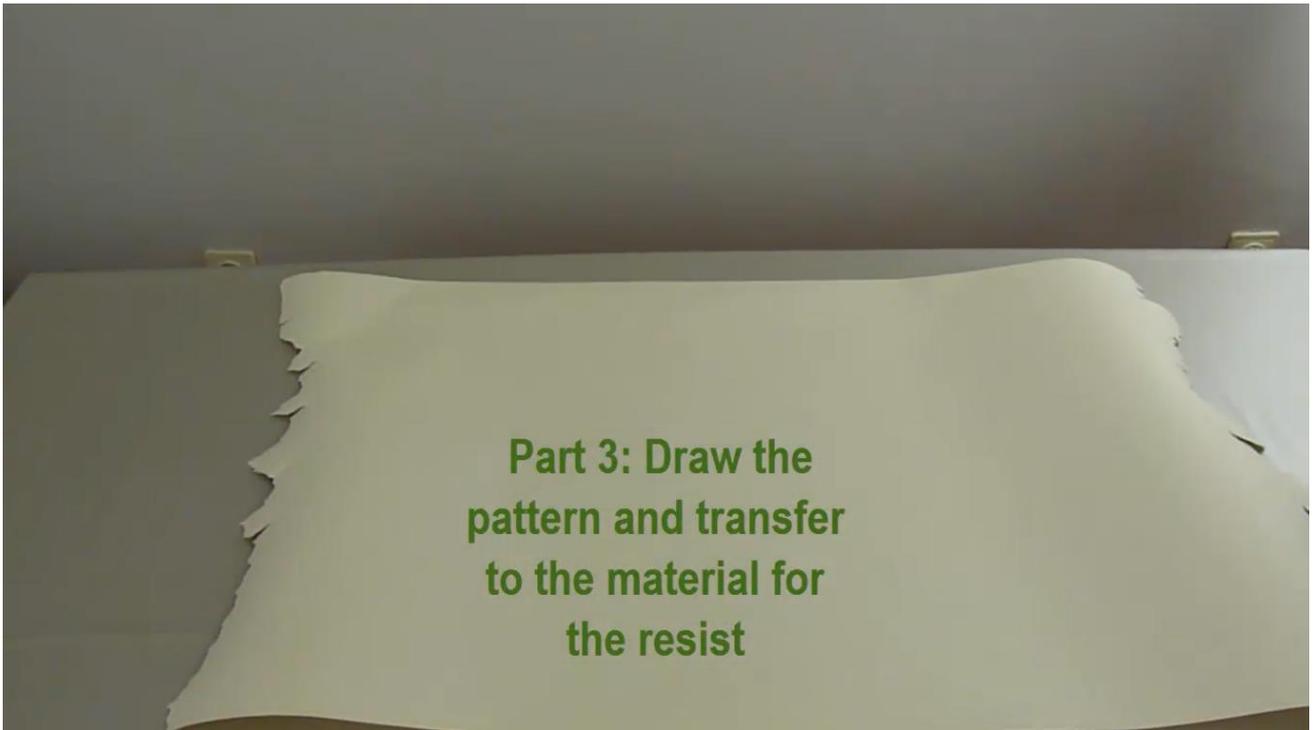
If you're not sure how to make one, please refer to my video on ["How to Make a Sample to Determine the Shrinkage"](#).

Let's say your sample has shrunk by 30%. You'll have to add 30% to the initial measurements to get a resist with the right size.

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Part 3: Draw the pattern and transfer it to the material for the resist

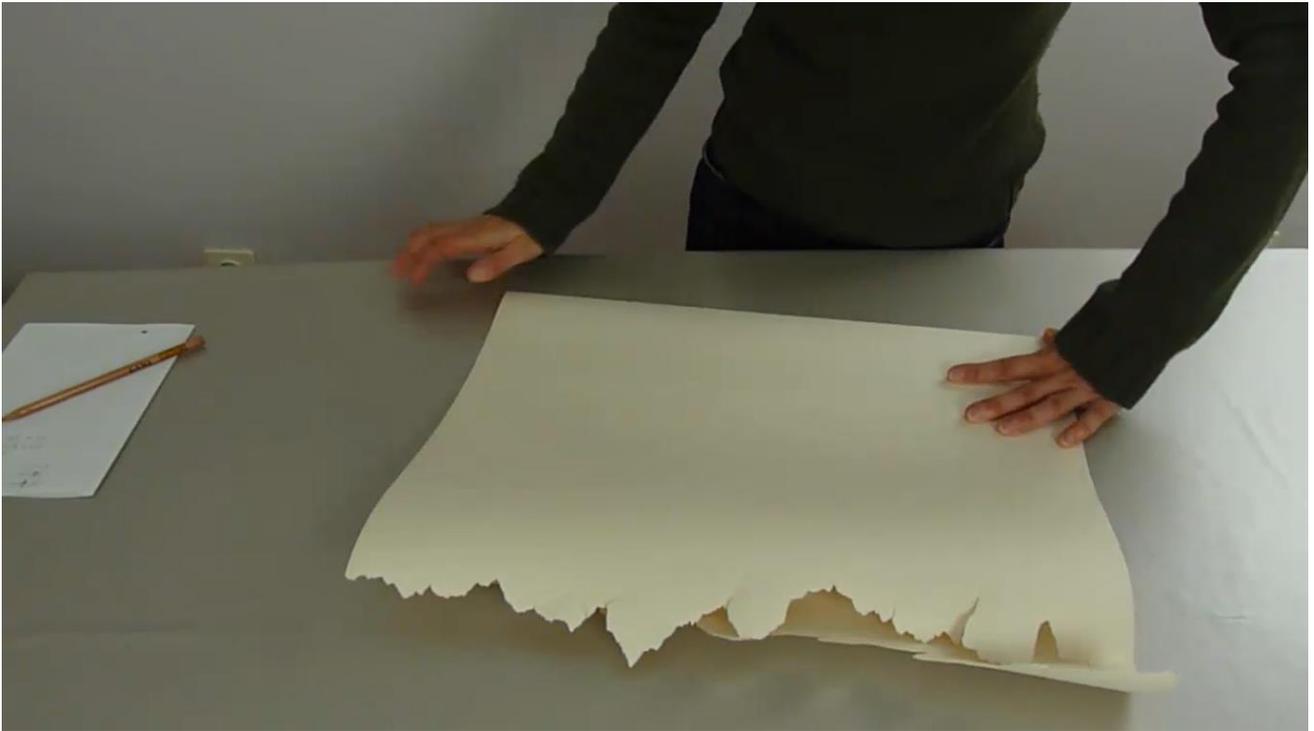


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Get a big piece of paper to draw the basic pattern. You can even use a newspaper. It doesn't really matter, as long as it's big enough for the hat.

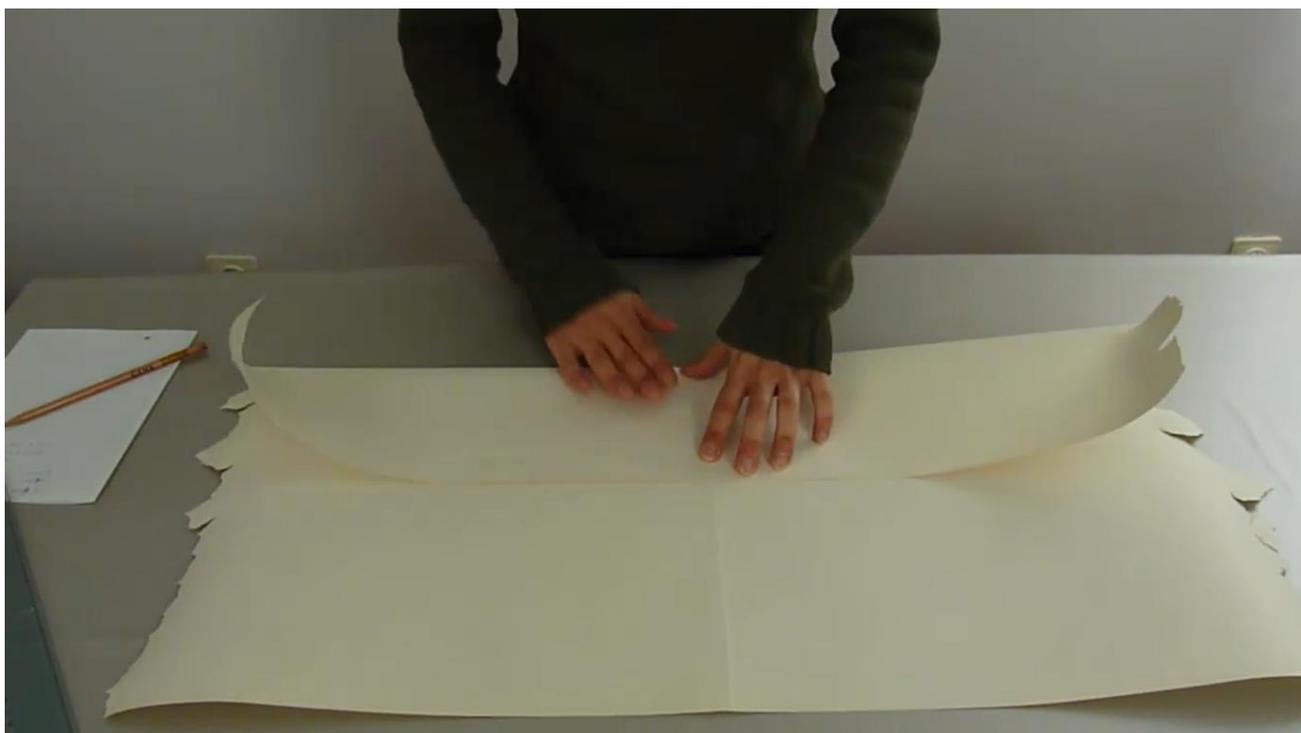


Fold the paper in half, so that you don't have to draw twice.

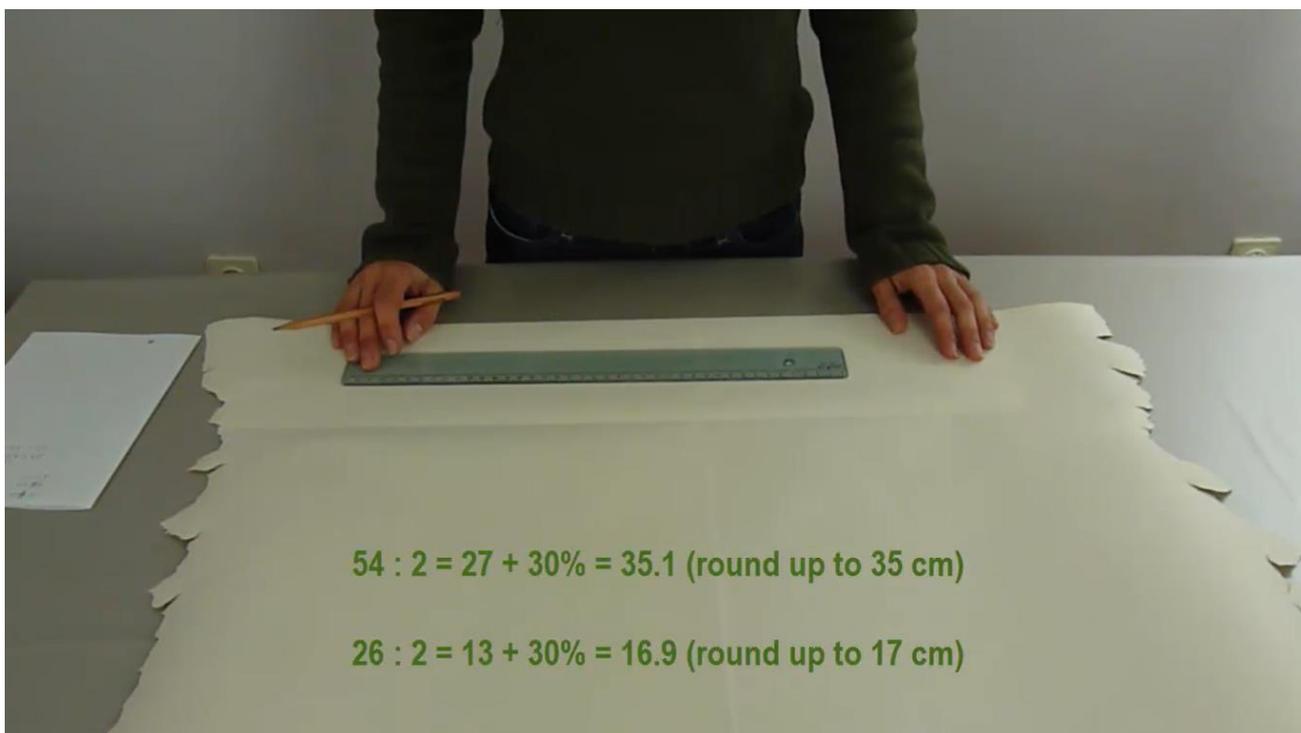
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And **make a second fold**. We'll use the bottom side of this fold to draw the brim.



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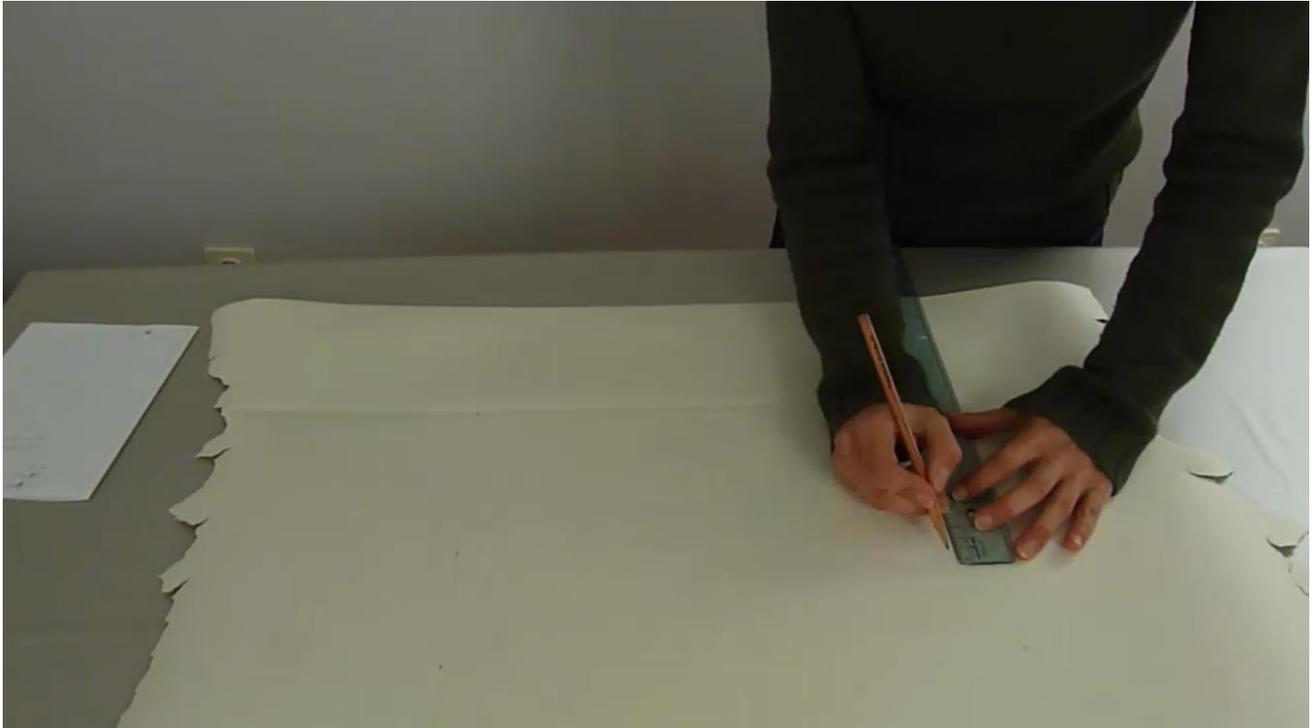
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Divide the measurements you got by 2 and add the 30% corresponding to the shrinkage rate.

$$54 : 2 = 27 + 30\% = 35.1 \text{ (round up to 35 cm)}$$

$$26 : 2 = 13 + 30\% = 16.9 \text{ (round up to 17 cm)}$$



Draw this rectangle, using the folds as reference.

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GOING THE DDDO WAY



Now **draw a half circle** like this to make the shape of the crown. Use a plate or something like that if needed.



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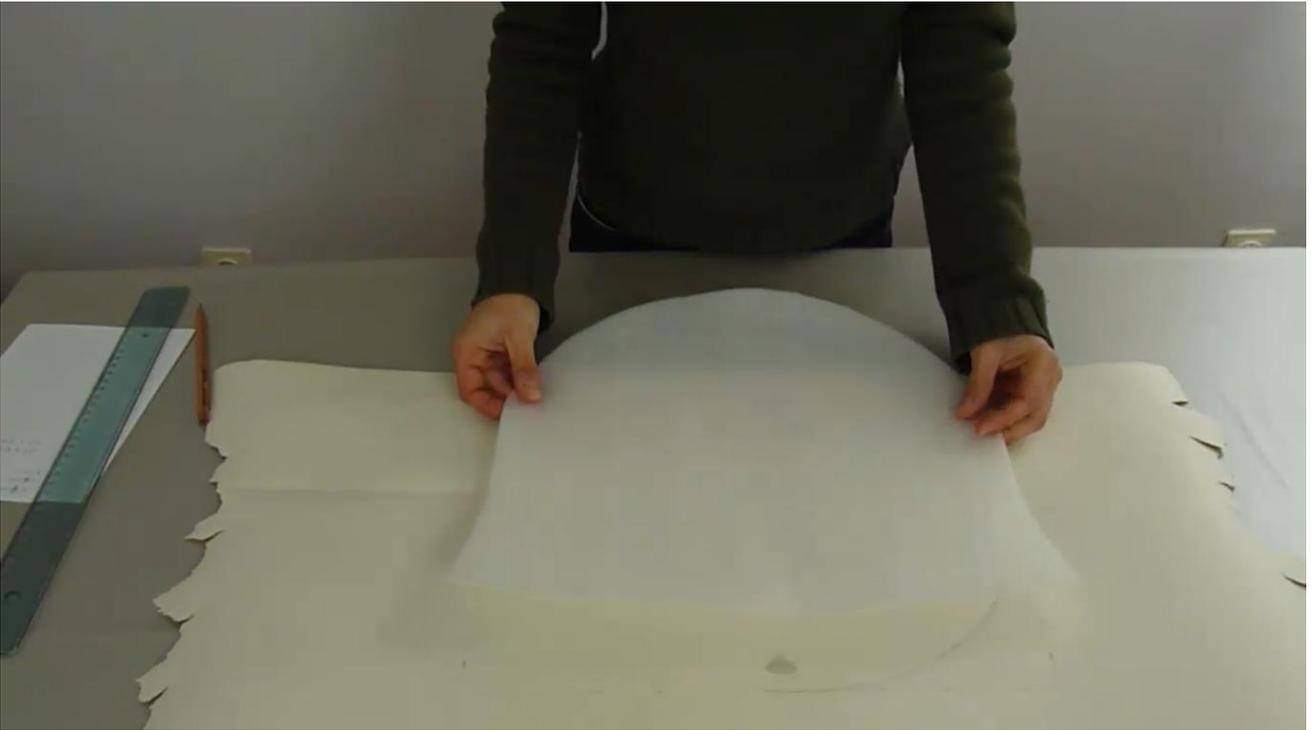
Now all you have to do is to **add a small brim to your basic pattern** and **repeat the drawing on the other side.**

Then **transfer this pattern to the resist material** and it's done.

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You'll get something like this.

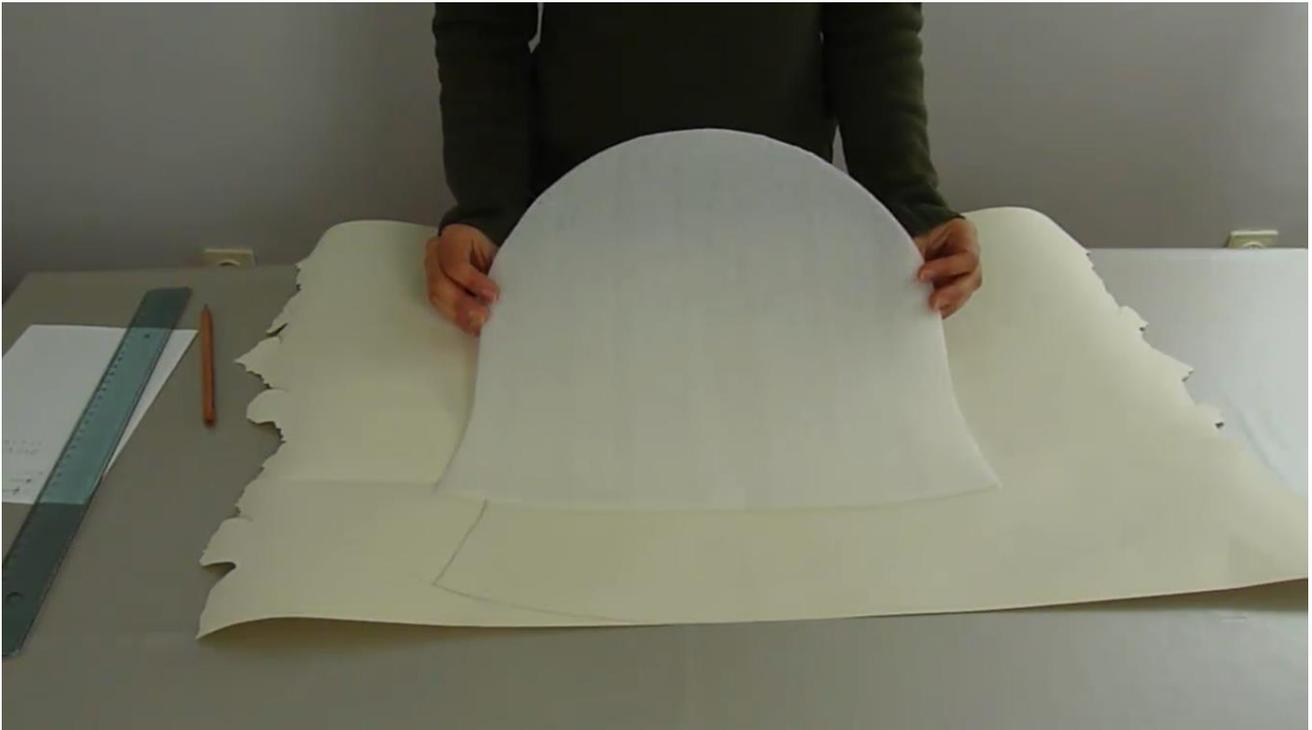


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The one I've just made is a bit smaller, but it's basically the same shape.



I use this material for the resist, so that I can reuse it as much as I want.

If you want to know more about **what material to choose for your resist**, check out my video [“How to Make a Resist for 3D Felting”](#).

Talk soon!

Vanda

P.S.: If you want to learn more about how to felt hats, check out the available tutorials [here](#).

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