

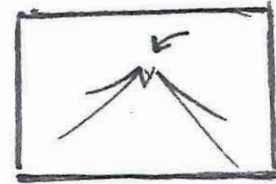
AP log 28.09

Using the Ultimaker2 with PLA plastics;

Everything is printed on 60 Denier thick fabric -> First print:

- Crosses pull together into pyramidal crosses (b).

The form is less extendable when the thickness is increased. It is possible that this is the result of the space in the middle of the cross (c);

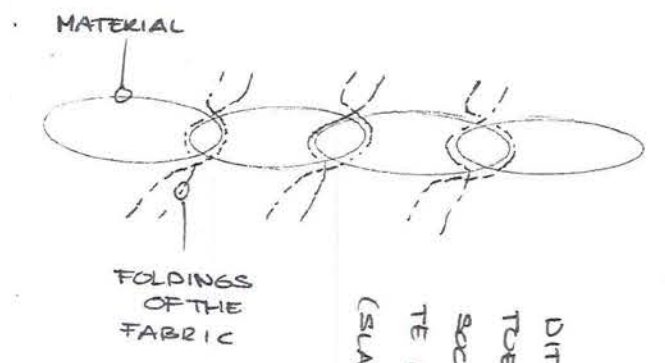


- Round shapes pull together into chips. The 1 mm works best (a).

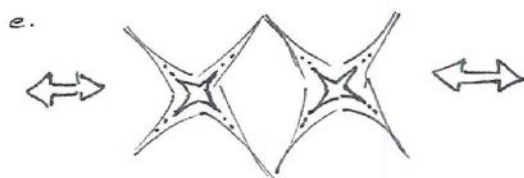


The print on thinner material, 30 Denier, is not working as we planned. But the fabric that is printed on is behaves interesting, because the tension pulls the fabric towards each other (d).

This can be used to create a kind of scale pattern, like snakeskin.



N.B. The PLA seems to bond better on the thinner fabrics and stretches the fabric more than the fabric stretches the form.



We can look what happen if we stretch the fabric with the full pattern (e).

Sometimes the form is too strong for the deformation (f).

