



Making a Fursuit without any experience

My struggle from a stupid idea to a hand sewn Fullsuit. Well... two, actually...

- Introduction
- Head base
- Foam
- Ears
- Sewing patterns
- Cutting
- Sewing
- Fabrics
- Shaving
- Tools
- Summary

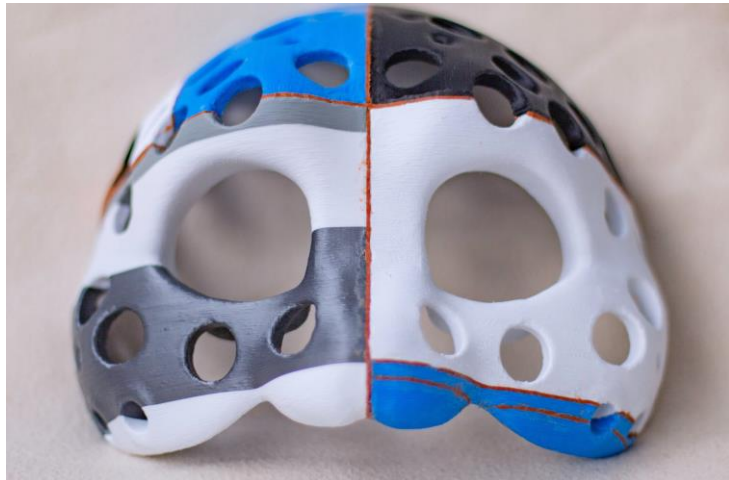


Introduction

- Name: Manuel
- Age: 35
- Job: CAD Designer and 3D printing technician
- Hobby's: CAD-Design, 3D printing, microelectronics, photography, mechanical keyboards, CNC lasers, building useless stuff, paracord, voluntary firefighter
- Furry since around 2019
- I started my suit before I've seen a furry in real life at all.

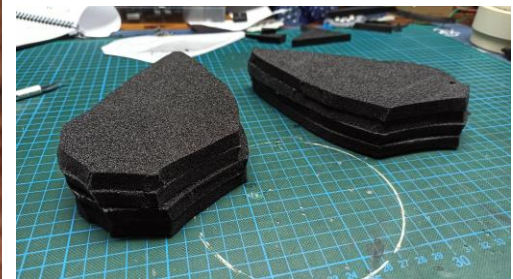


Head base



Foam

Use „Polyurethane“ (PU) upholstery or mattress foam. It's more durable.



Ears (Over Engineered, please don't ask why)



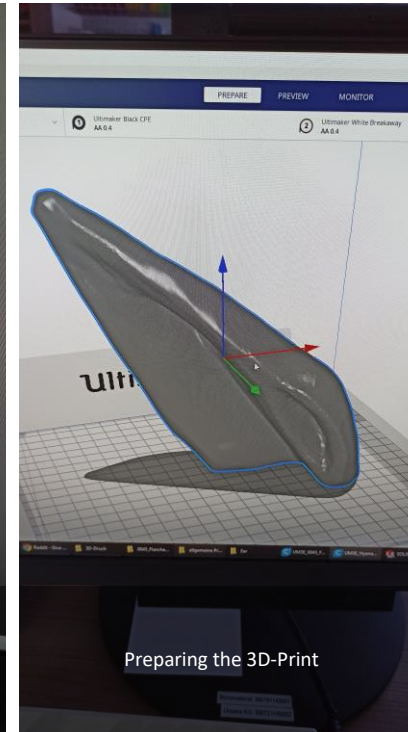
First shape



3D-Scanning



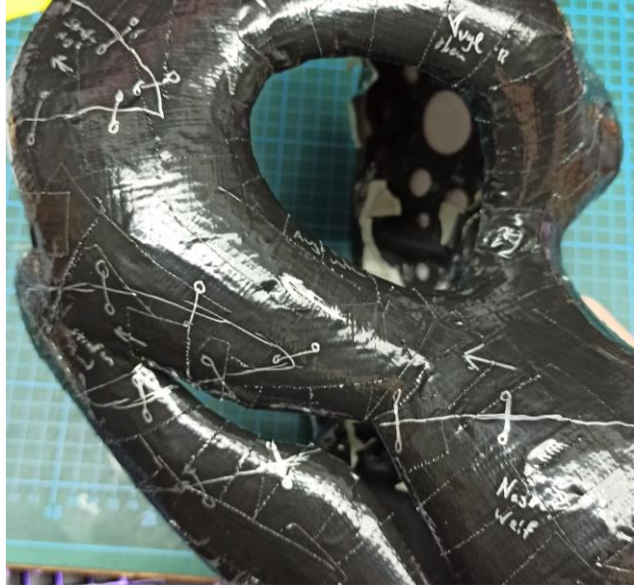
Modifying in meshmixer



Preparing the 3D-Print

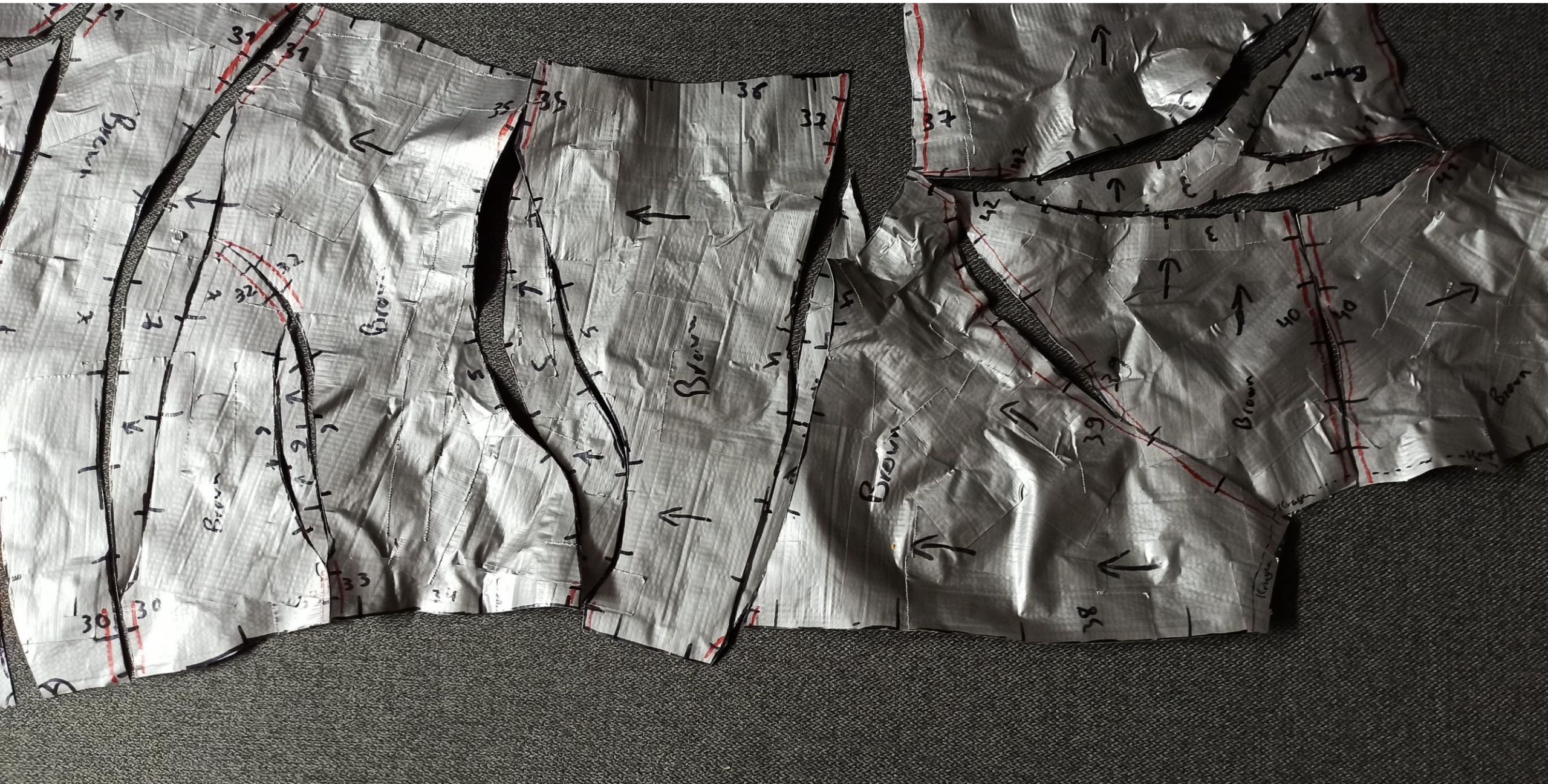


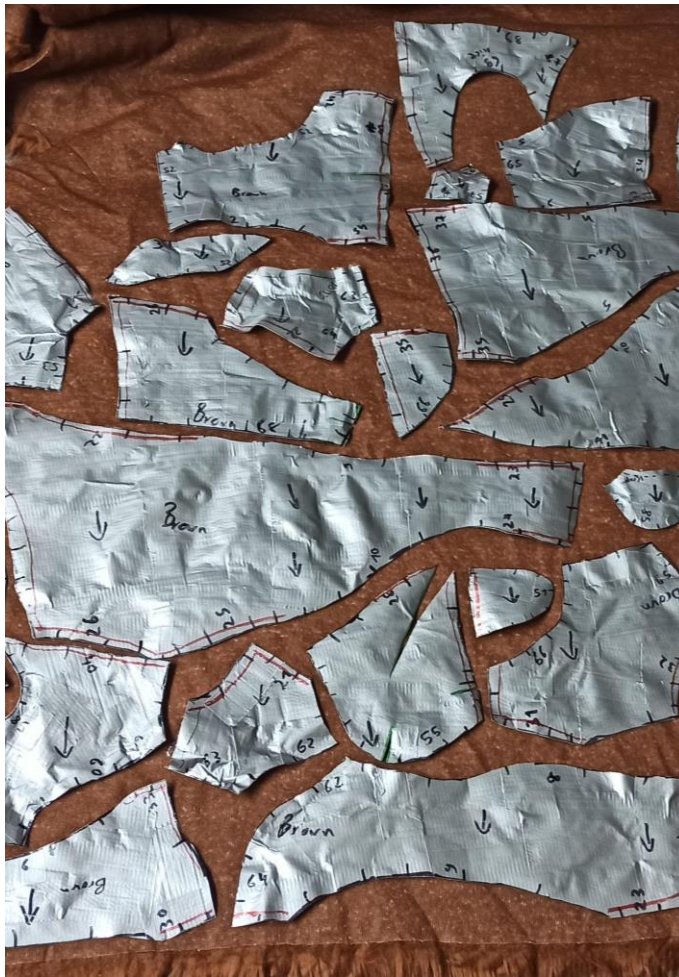
First test fit



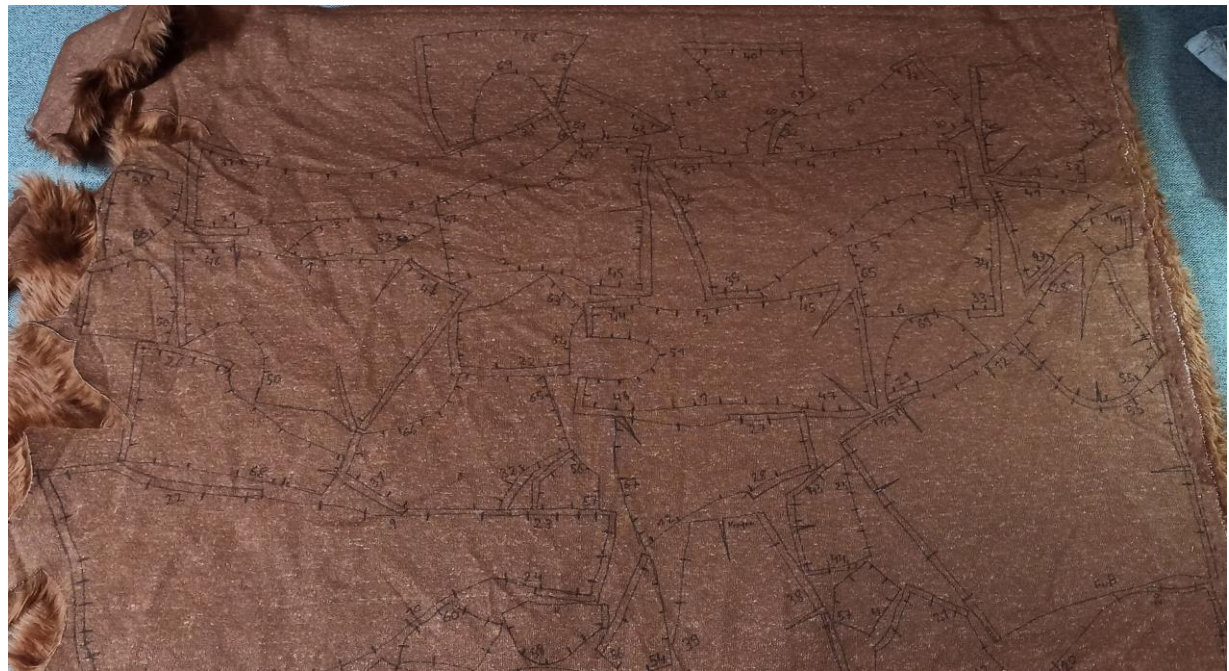
Sewing patterns

- Marking and numbering is very important
- Every cut should have his own number
- With a symmetric pattern you only need to tape one half and flip the parts over for tracing



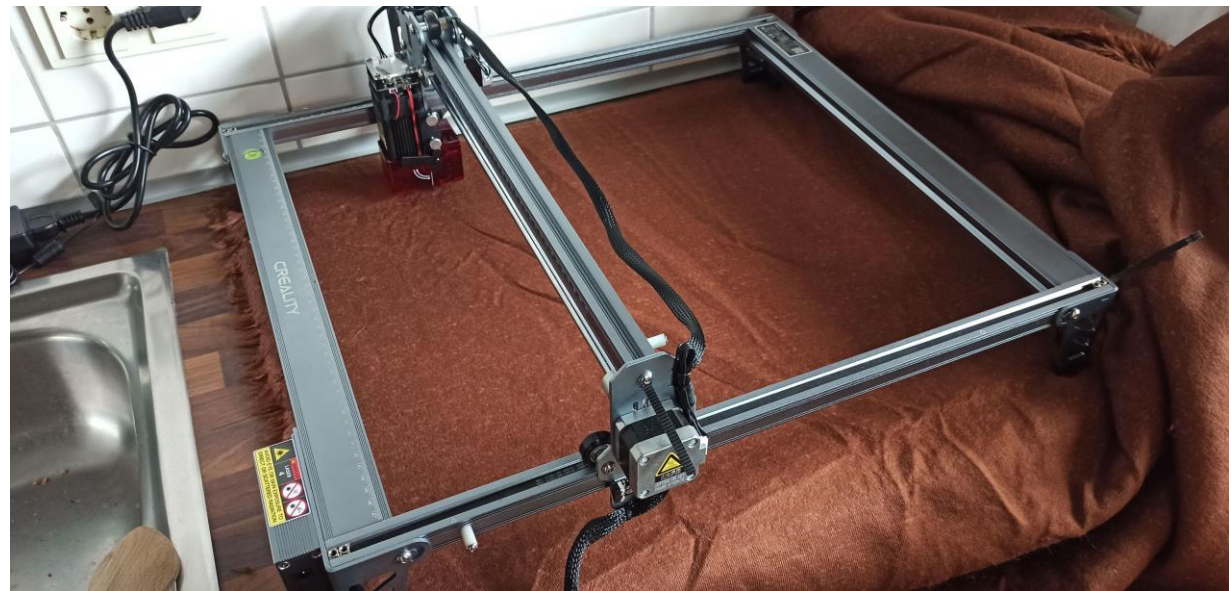
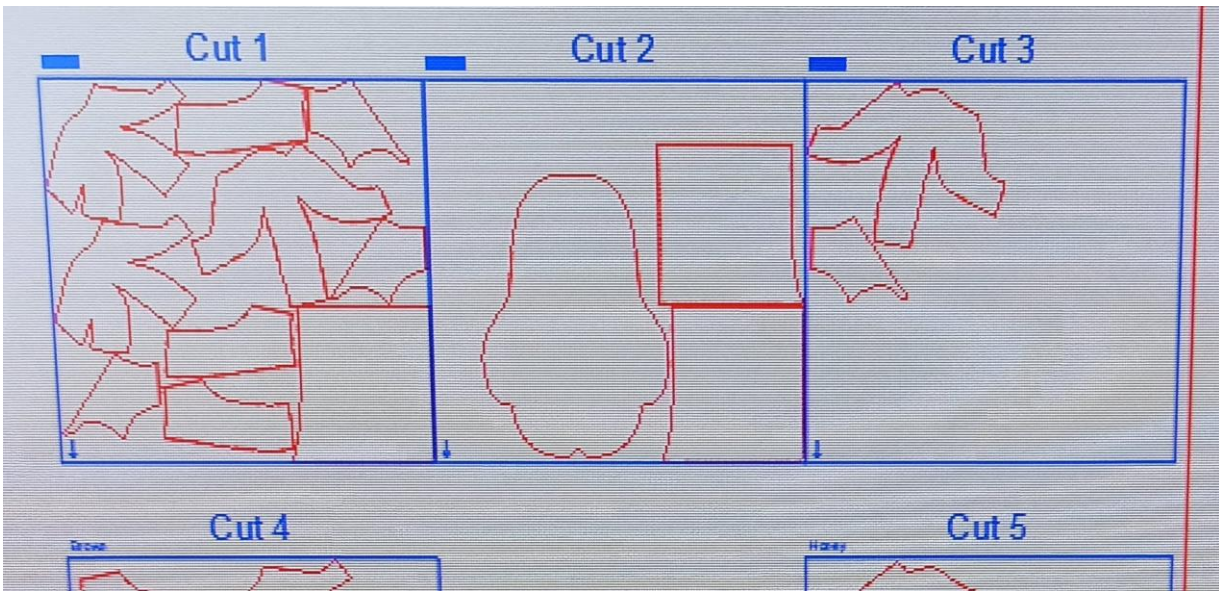


Tracing and Cutting





Videos





Seam preparation and sewing

- Preparation of the seams is the key
- Don't rush and take your time
- Use as much clamps as possible
- Sew smaller patches and combine them at the end for better handling





Sewing









Fabrics (Faux Fur, Minky, Lining, etc.)

- Don't cheap out! Use only high-quality fur.
- Get „Swatch-Packs“ first to check the quality and the most important: color
- Buying in the US is expensive because shipping and customs





Tools

Shops I used

- [Efutro.pl](#)
 - Faux fur shaggy
- [bigZfabric.com](#)
 - Solid Shaggy Long Pile, Minky and Mochi Minky
- [howlfabrics.com](#)
 - Luxury shag faux fur and minky
- [stoffhummel.de](#)
 - Minky and Lining
- [Etsy.com](#)
 - Sewing Patterns
- [Amazon](#)
 - Sewing tools, foam, magnets etc.

Cost Summary

You find this presentation and some other useful stuff at bavarian-carpet.com

#	Beschreibung	Description	Lory	Mehrfach						
1	Schaumstoff	Foam	14,50 €		link					
2	Fell efutro	Fur efutro	120,51 €		link	link				
3	Fell howl	Fur howl (with shipping)	215,61 €		link	link	link	link	link	link
4	Zoll howl	Toll howl	28,01 €							
5	Augenstoff	Eye mesh	17,99 €	17,99 €	link					
6	Nähgarn	sewing thread	9,50 €	9,50 €	link					
7	Schneiderkreide	tailor's chalk	5,99 €	5,99 €	link					
8	Stoffschere (links)	fabric scissors (left)	16,95 €	16,95 €	link					
9	Füllwatte	filling	9,99 €	9,99 €	link					
10	Nähnadeln	sewing needles	6,88 €	6,88 €	link					
11	Schermaschine	clipper	36,99 €	36,99 €	link					
12	Nähgarn	sewing thread	6,44 €	6,44 €	link					
13	Nähgarn	sewing thread	6,55 €	6,55 €	link					
14	Nähmaschinennadeln	Needles sewing machine	7,95 €	7,95 €	link					
15	Stoffklammern	fabric clamps	6,49 €	6,49 €	link					
16	Stoffklammern	fabric clamps	2,00 €	2,00 €						
17	Stecknadeln	pins	5,99 €	5,99 €	link					
18	Stecknadeln	pins	4,99 €	4,99 €	link					
19	Stoff Krallen	fabric for claws	14,47 €	14,47 €	link					
20	Stofffedding	fabric sharpie	7,80 €	7,80 €	link					
21	Airbrushfarben	Airbrush paint	17,58 €	17,58 €	link					
22	Airbrush Lila	Airbrush paint	7,87 €		link					
23	Fellbürste	fur brush	20,00 €	20,00 €						
24	Schaumstoff Ohren	foam ears	10,50 €							
25	Heißklebepistole	glue gun	27,99 €	27,99 €	link					
26	Heißkleber	hot glue	2,96 €	2,96 €						
27	Heißkleber	hot glue	19,36 €	19,36 €	link					
28	Magnete	magnets	11,99 €		link					
29	Magnete	magnets	7,98 €		link					
30	Stoffschere	fabric scissors	15,36 €	15,36 €	link					
31	Schleifen	ribbons	11,99 €		link					
32	Klett	velcro (eyes)	7,99 €	7,99 €	link					
33	Nähnadeln gebogen	needles (bend)	4,25 €	4,25 €	link					
34	Stoffe Stoffhummel	fabrics Stoffhummel	47,65 €		link	link	link			
35	Stoffe Stoffhummel	fabrics Stoffhummel	58,15 €		link					
36	Nähmaschine (singer 4432)	Sewing machine (singer 4432)	239,00 €	239,00 €	link					
37	Malerkrepp	masking tape	12,88 €	12,88 €	link					
38	Reißverschluss Schwarz	zipper black	11,90 €		link					
39	Reißverschluss Weiß	zipper white	9,34 €		link					
40	Reißverschluss Braun	zipper brown	8,00 €		link					
41	Edding Stoff	fabric sharpie	4,98 €	4,98 €	link					
42	Kopf	mannequin head	27,59 €	27,59 €	link					
43	Schultern	mannequin shoulders	33,60 €	33,60 €	link					
44	Stoffklammern	fabric clamps	12,98 €	12,98 €	link					
45	Panzertape	duct tape	17,84 €	17,84 €	link					
46	Fell efutro	fur efutro	69,42 €		link					
47	Fixierband	fixation tape	9,80 €	9,80 €						
48	Schnittmuster Handpaws	sewing pattern handpaws	19,48 €	19,48 €	link					
49	Schnittmuster Neckpiece	sewing pattern neckpiece	3,11 €	3,11 €	link					
50	Schnittmuster Feetpaws	sewing pattern feetpaws	18,63 €	18,63 €	link					
51	Schnittmuster Tail	sewing pattern tail	8,39 €	8,39 €	link					
			1.324,16 €	641,13 683,03 €						

