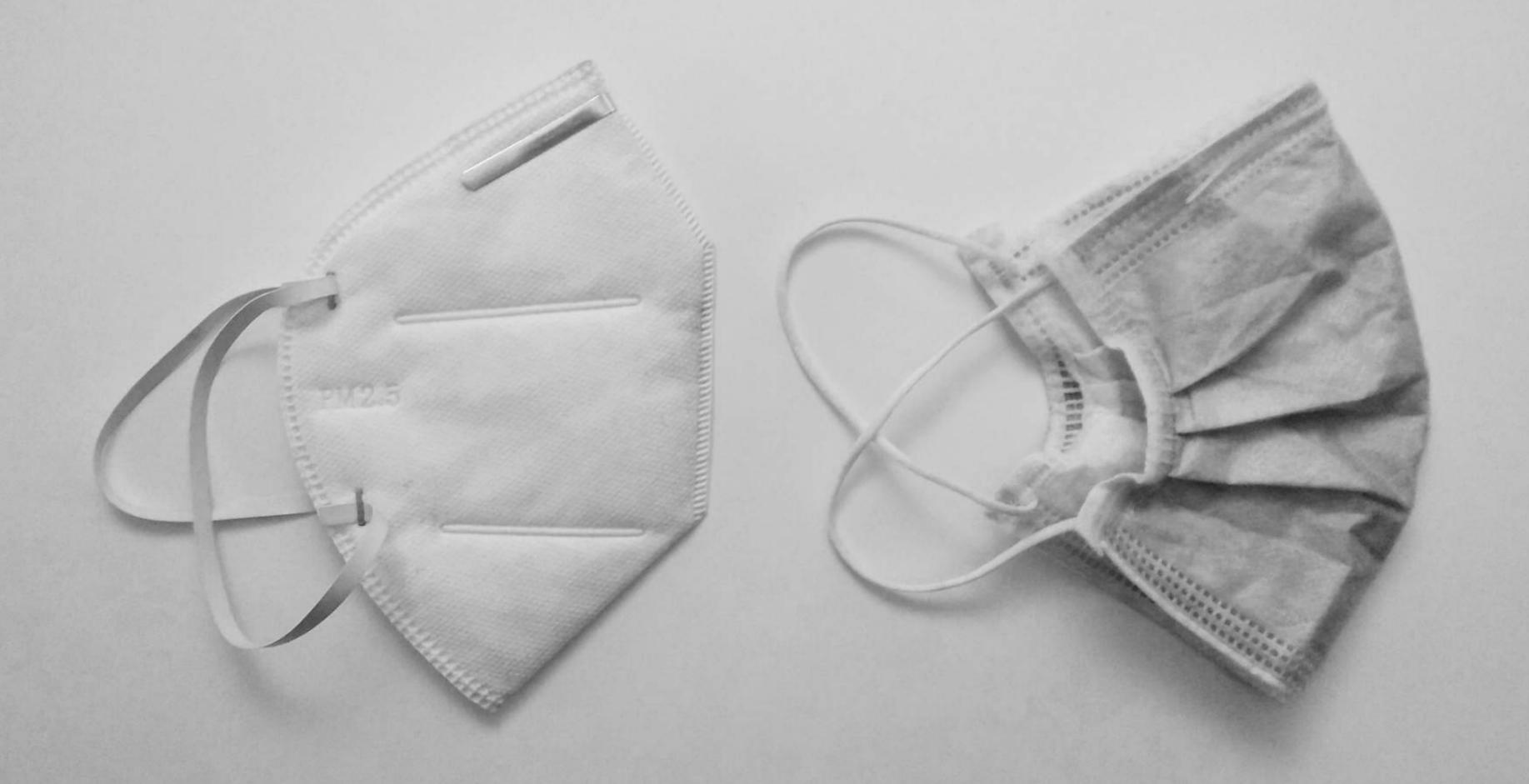


THALASSIC:

OF, RELATING TO, OR SITUATED OR DEVELOPED ABOUT INLAND SEAS

THE WORK THALASSIC IS INSTERESTED IN RADICALLY RE-THINKING THE RELATIONSHIP BETWEEN TECHNOLOGY, IN THE FORM OF WEARABLE OBJECTS, AND THE HUMAN BODY. THIS RESEARCH AIMS TO FURTHER EXPLORE THE INTEGRATION BETWEEN THE FUNCTIONALITY OF MEDICAL DEVICES AND THE DESIGN CRITERIA USUALLY ASSOCIATED WITH ART AND FASHION.



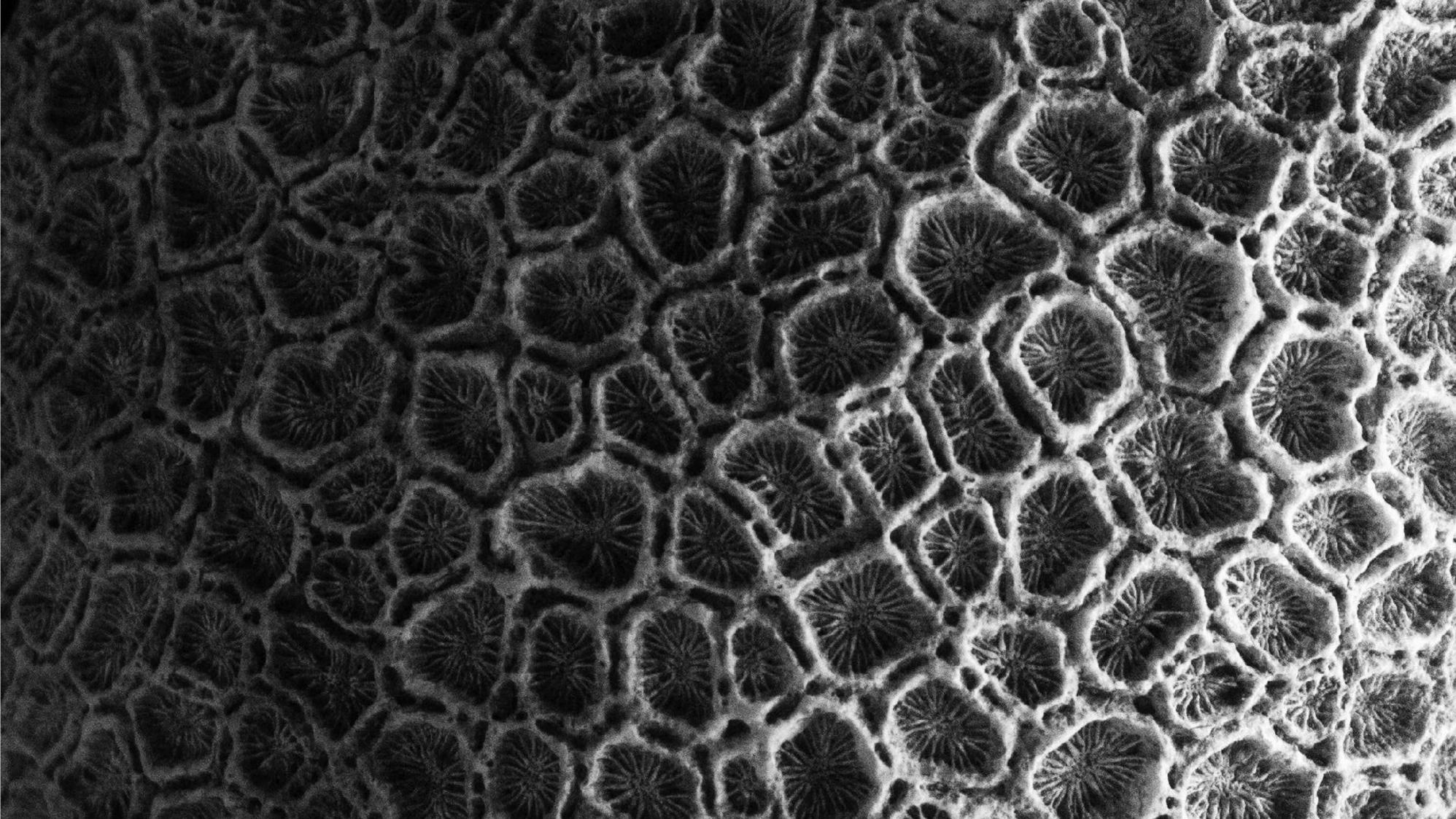
IN THE CONTEXT OF THE CURRENT PANDEMIC, OUR ATTENTION HAS BEEN NATURALLY DRAWN TO THE URGENT NEED FOR RESPIRATORY PROSTHESES. PROTECTIVE MASKS WITH MICROBIAL FILTERS ARE INCREASINGLY BECOMING AN ESSENTIAL DEVICE, A BODY INTEGRATION REQUIRED TO ENGAGE WITH THE URBAN ENVIRONMENT AND TO ALLOW INTERPERSONAL INTERACTIONS.



BEYOND COVID-19, WE FORESEE THAT FURTHER IMPLICATIONS OF THE DISRUPTION OF ECOLOGICAL ENVIRONMENTS AND CLIMATE CHANGE, SUCH AS AIR POLLUTION AND TRANSFORMATIONS IN THE ATMOSPHERE, WOULD SEE PROTECTIVE DEVICES TO BECOME AN ESSENTIAL EXTENSION OF THE HUMAN BODY. THE MASK AS PROSTHESIS OF THE RESPIRATORY SYSTEM, THAT WILL BE NEEDED FOR LONGER THAN INITIALLY EXPECTED, NOT ONLY AS A MEDICAL DEVICE BUT ALSO AS A FASHION PRODUCT, MANIFESTATION OF NEW PANDEMIC AND POST-PANDEMIC IDENTITIES.

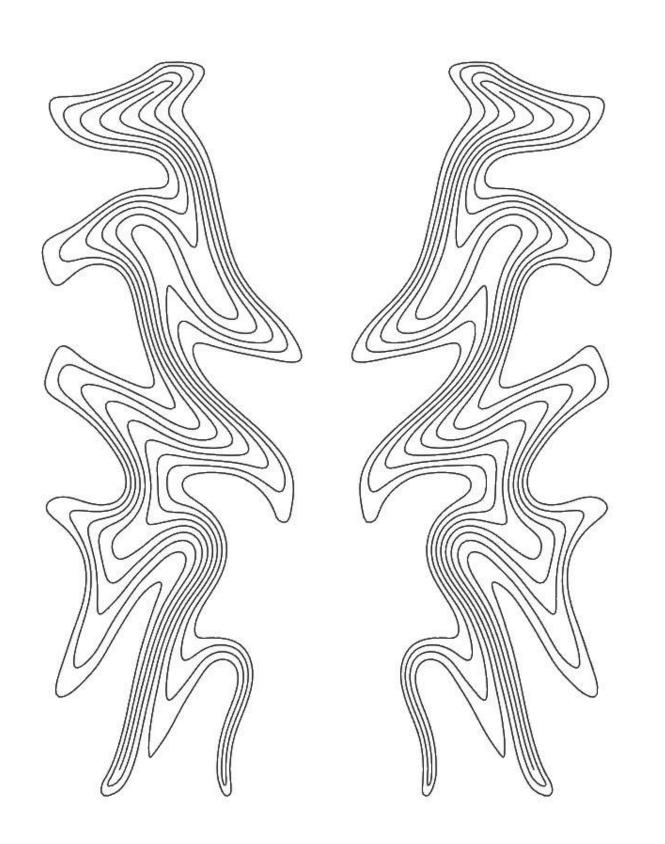


THALASSIC EXPLORED THE STUDY OF SEA FORMS' STRATEGIES. WE WERE PARTICULARLY INTERESTED IN SEA ORGANISMS THAT ARE CAPABLE OF FILTRATING THE WATER IN ORDER TO SURVIVE. MARINE LIFE FORMS, SUCH AS CORALS, JELLYFISH AND SEA ANEMONES, ACT AS BIOLOGICAL FILTERS, EXTRACTING OXYGEN AND NUTRIENTS THANKS TO THEIR INNER STRUCTURE AND IN TURN ACTIVELY MODIFYING THE ENVIRONMENT THEY LIVE IN. THIS INTEGRATION BETWEEN FUNCTIONAL REQUIREMENT AND THREE-DIMENSIONAL FEATURES HAS BEEN A FOCUS OF THALASSIC.



AQUATIC ORGANISMS OFTEN RELY ON THEIR DECEPTIVE APPEARANCES TO HIDE, OR PRAY, WITHIN THE UNDERWATER ENVIRONMENT THEY ARE IMMERSED IN. APPEARANCES THEN BECOME PART OF THE SURVIVAL STRATEGY.

ANOTHER ASPECT OF FOCUS FOR THE RESEARCH HAS THUS BEEN THE CONCEPT OF CAMOUFLAGE AND, IN TURN, IDENTITY.







THE FIRST STEPS OF THE RESEARCH FOCUSSED ON IMPLEMENTING DIFFERENT SURFACE STRATEGIES BY MAKING USE OF STRATASYS POLYJET 3D PRINTING TECHNOLOGY ON FABRIC.

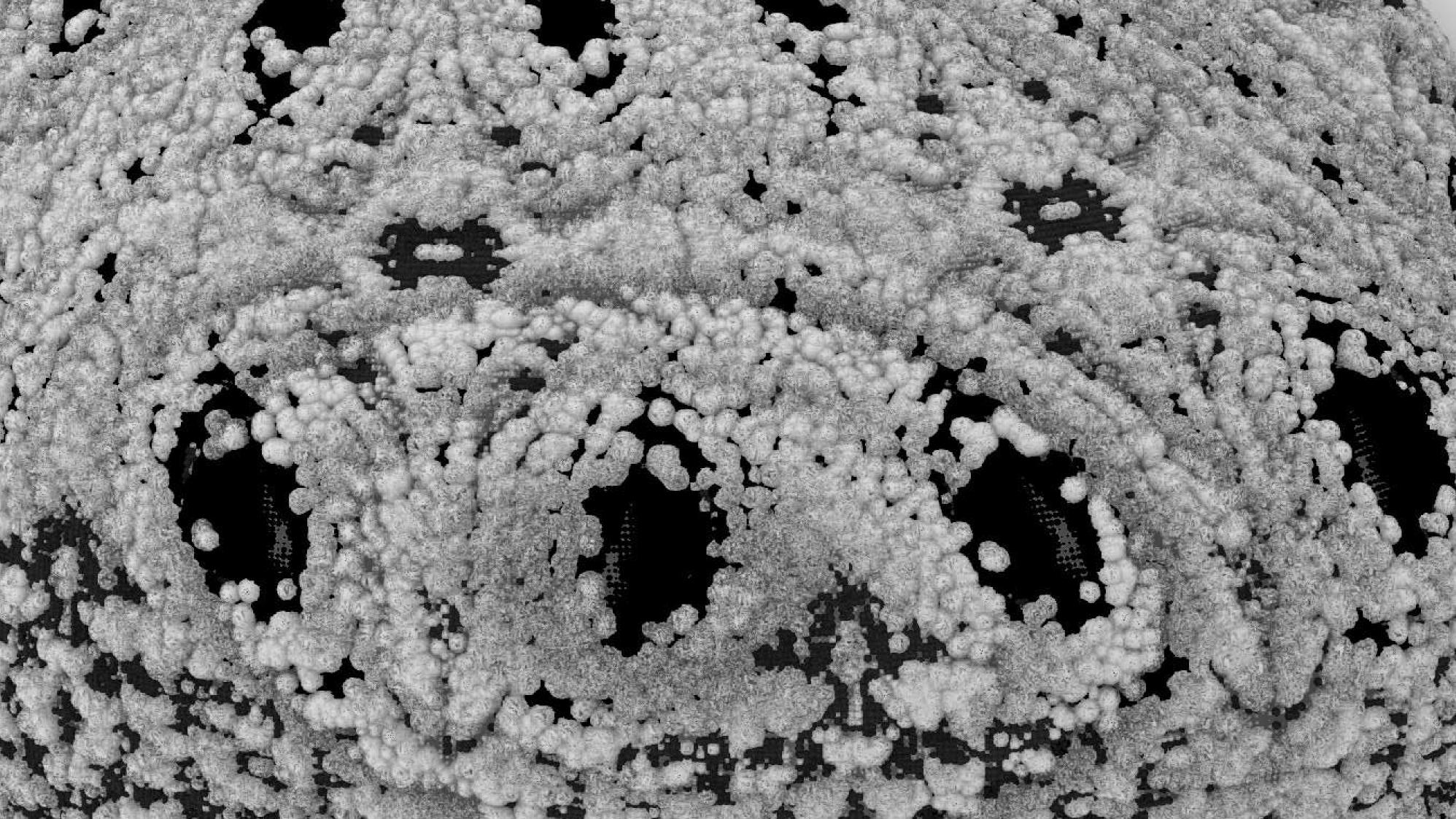
THE TECHNOLOGY ALLOWS TO AUGMENT A TEXTILE BY PRINTING THREE-DIMENSIONAL STRUCTURES ONTO IT, WHOSE SHAPE, COLOUR, TRANSPARENCY AND FLEXIBILITY CAN BE CONTROLLED THROUGH A DIGITAL 3D MODEL, AT THE RESOLUTION OF THE PRINTED PARTICLE.

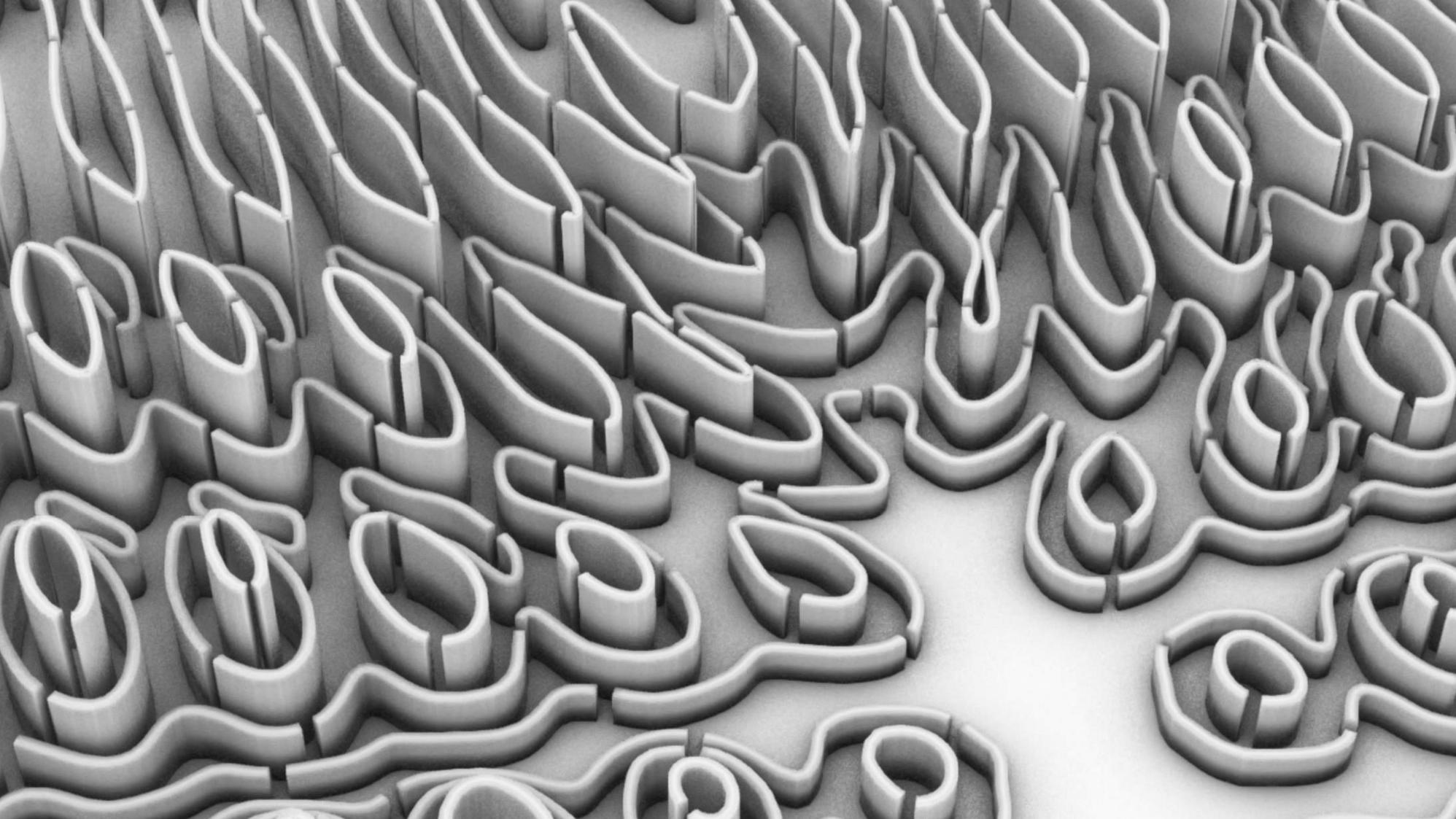
WE WERE INTRIGUED BY THE ABILITY OF THE TECHNOLOGY TO FABRICATE SUCH COMPLEX FORMATIONS, AND THE POTENTIAL TO CONTROL THE MATERIAL AT A GRANULAR LEVEL TO INTERWEAVE FUNCTIONALITY AND AESTHETICS.

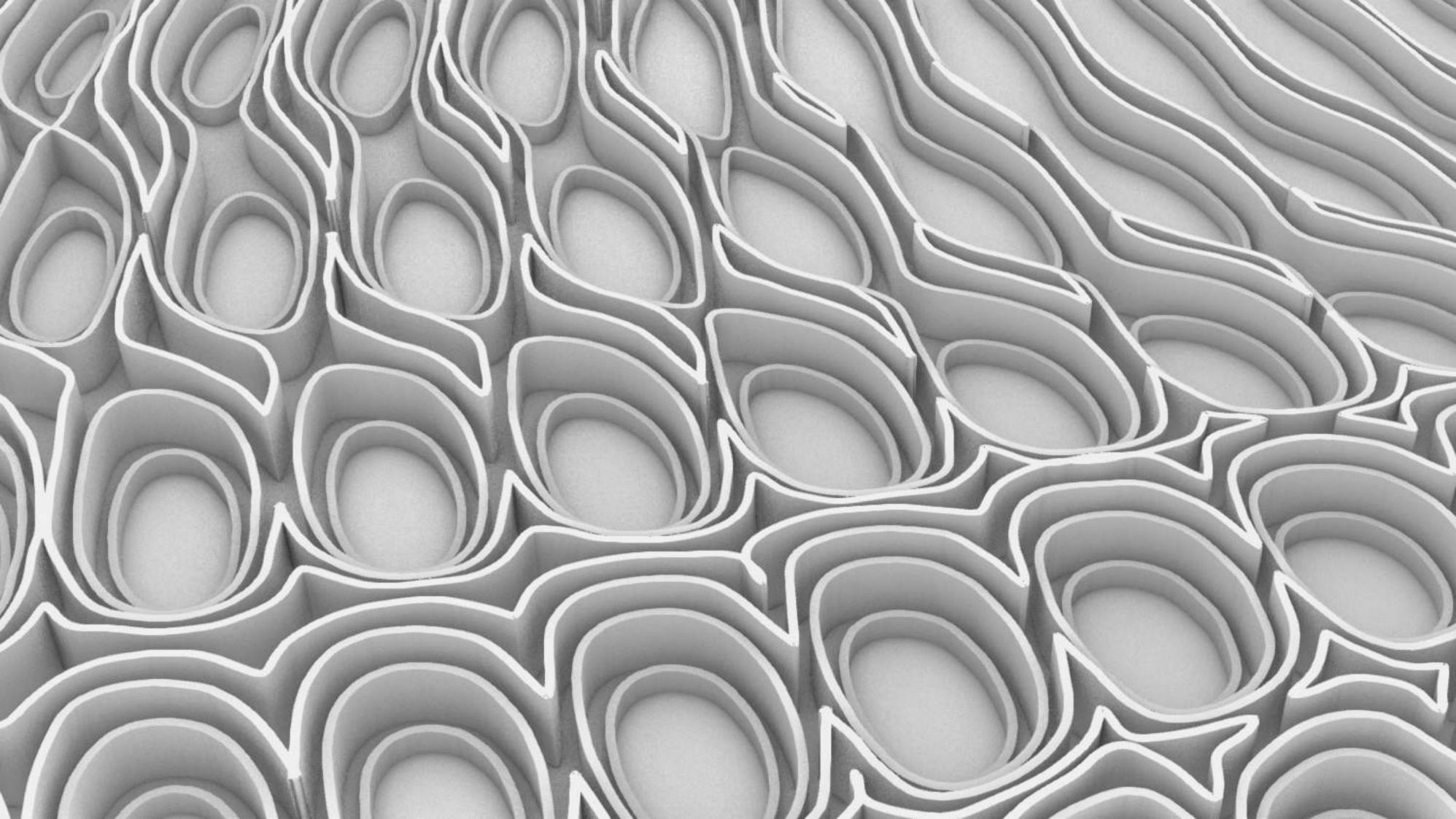
BIOLOGICAL EXAMPLES WERE AGAIN A DRIVER FOR THE RESEARCH.

		Control of the control		
		COLOR CONTROL CONTROL		
ACACOCA BOXONO DA FIDO SATUR				
				\$10,000 POPUL TO \$1.00 POPUL
THE RESIDENCE OF THE PARTY OF T				
				经建筑建筑设置的金属设置的
				美国工厂发展的企业工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工
	ACCORDANG MANAGEMENT		12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
		THE BOOK STREET, STREE	美人的特别。 1995年1996年1996年1998年	
		Contract Con		国文学 进行。近过500个位
		Property of the Control of the Contr		的智慧的一种人类型的现在分词
				经现代的ODERS 4 在1955年
		The second of th		
				是美国民意的基本的过去分词自己是
			化表现现代 医氯苯甲酚二甲基	
		Control of the Contro		
CALL THE CONTROL OF CONTROL OF CALL THE		000000000000000000000000000000000000000	经验的关系的证券的证券的	
			次是是1995年的1995年的1995年	
	AND THE RESIDENCE OF THE PARTY			09.18.80.88.50.18.19.19.19
		the contract of the contract of		
		TO THE STATE OF TH		
			対学の行うのはどうない	
		The Control of the Co		
			SE SOURCE CENTRAL TO THE	
ATTOCK A TAKE TO CO				
				然的地位的大型大型工作。
			沙拉亚达斯全国美国邓州的主义	会が変化を入るという
			たのよう人の人人人のおからなる。	
		retroce contract	经发现的对方人工工程的证明	Mark Control of the Control
THE PROPERTY OF THE PARTY OF TH			从中的一位的特别的企业,但是	
ACTION OF THE PROPERTY OF THE			次的一种有效的关系的现在分词 第二种	は記されている。
THE RESERVE OF THE PARTY OF THE			民族人民族工程等人人民共享	に対して対している。
		Commence of the contract of th	のでは、これには、これには、これには、これには、これには、これには、これには、これに	
		O Care Cook Care Care Care Care Care Care Care Care		



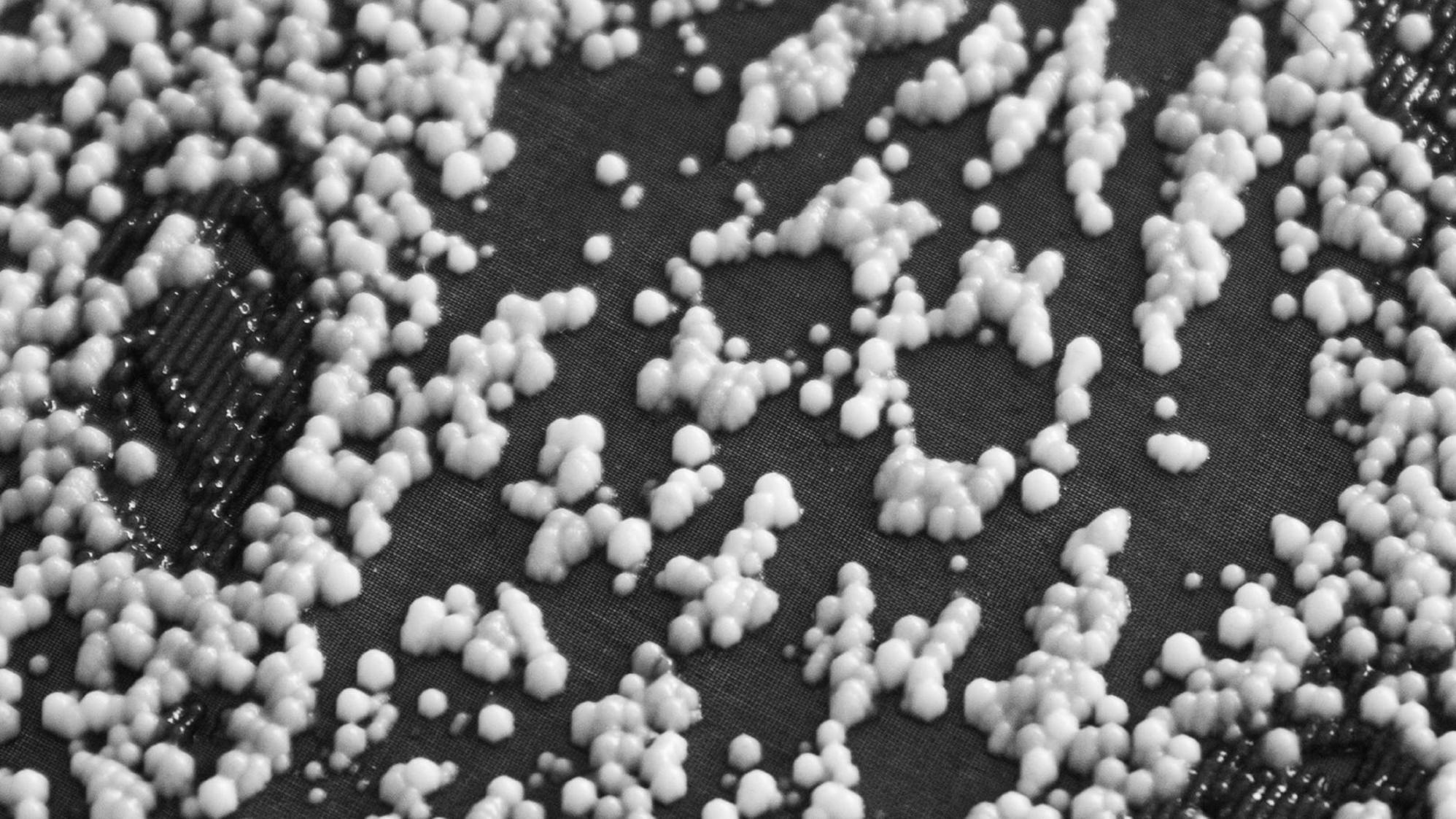




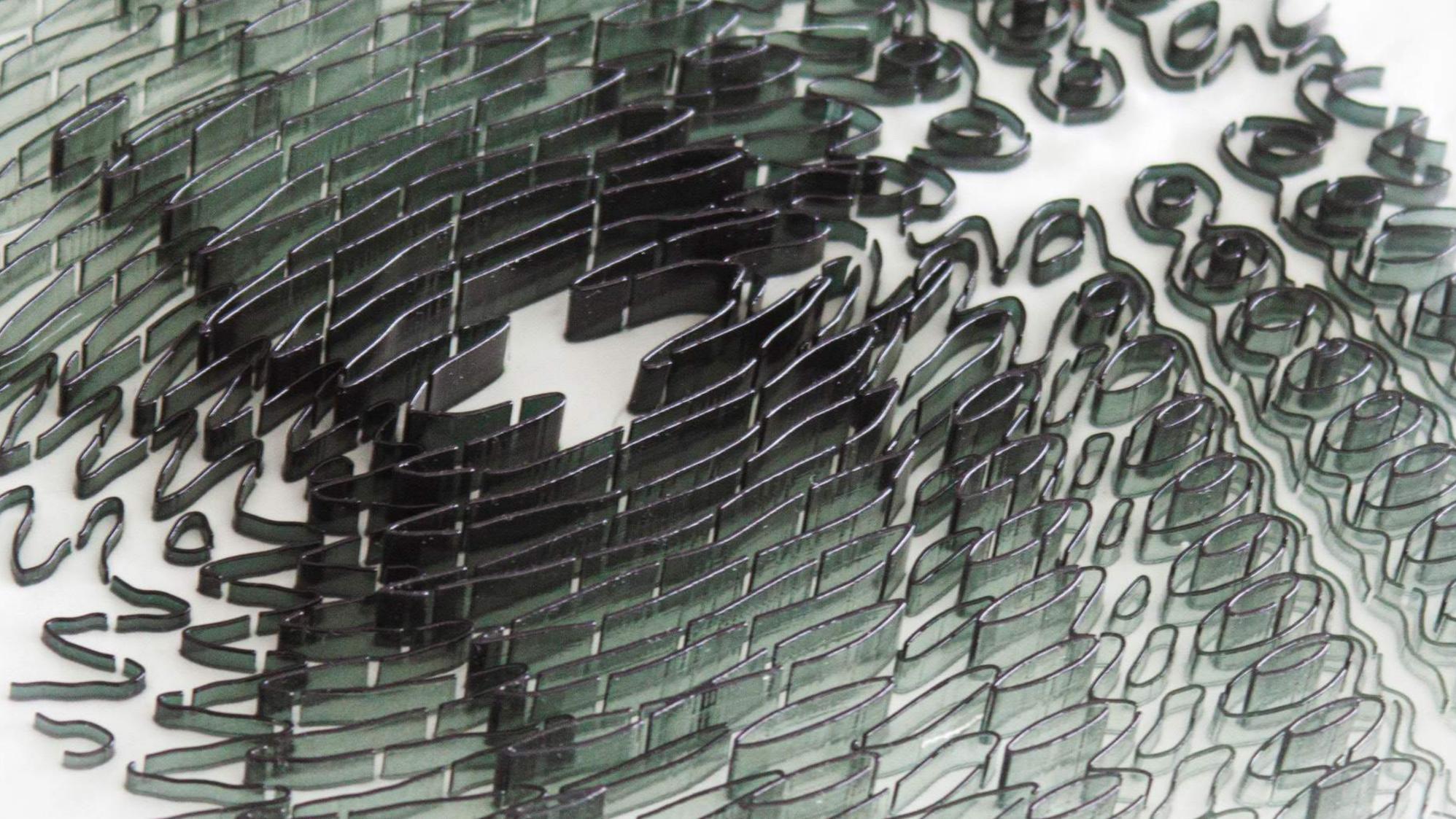


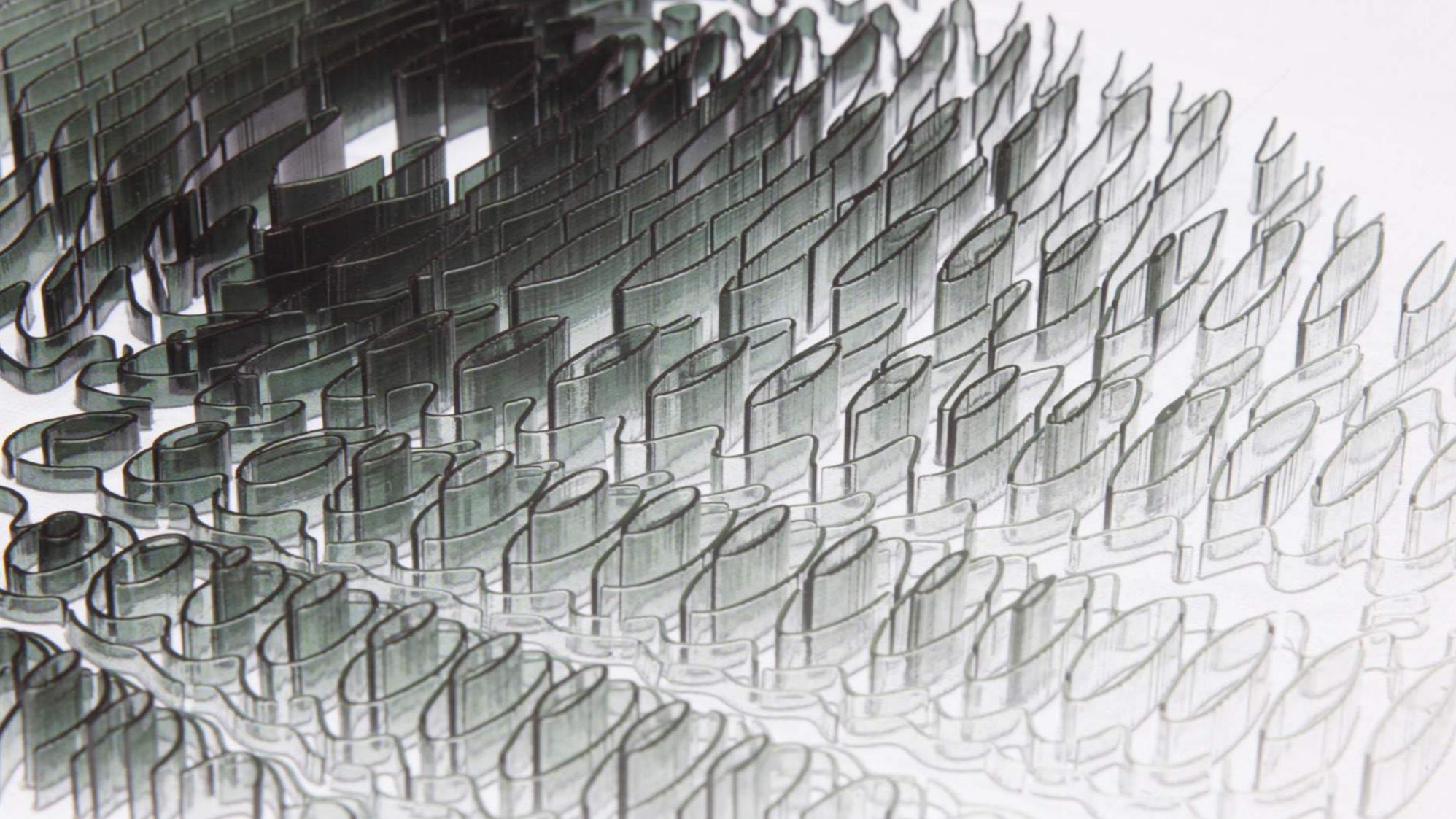
THE TECHNOLOGY BY STRATASY ALLOWS TO AUGMENT A TEXTILE BY PRINTING THREE-DIMENSIONAL STRUCTURES ONTO IT, WHOSE SHAPE, COLOUR, TRANSPARENCY AND FLEXIBILITY CAN BE CONTROLLED THROUGH A DIGITAL 3D MODEL, AT THE RESOLUTION OF THE PRINTED PARTICLE.

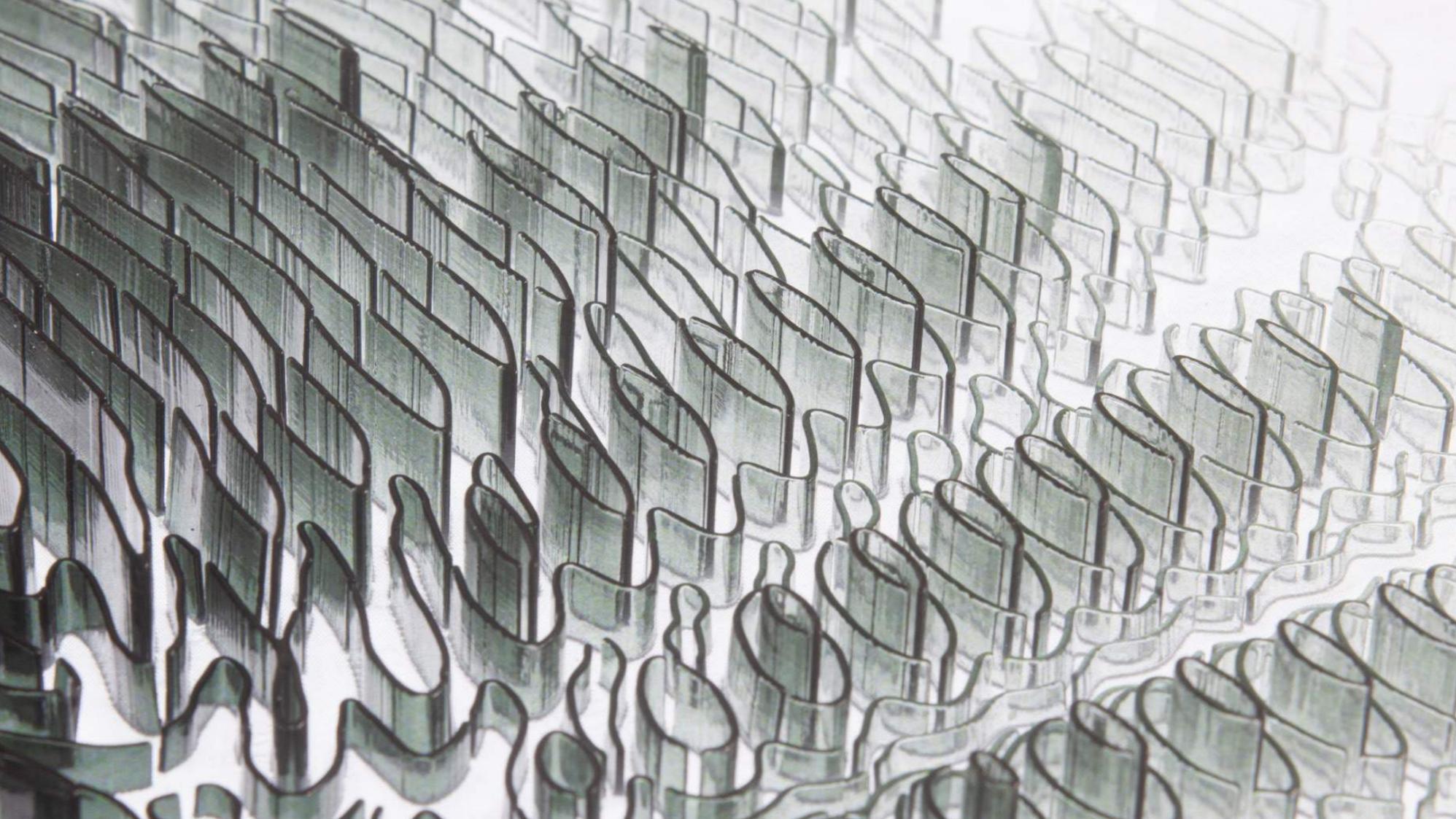
WE WERE INTERESTED IN THE ABILITY OF THE TECHNOLOGY TO FABRICATE SUCH COMPLEX FORMATIONS, AND THE POTENTIAL TO CONTROL THE MATERIAL AT A GRANULAR LEVEL TO INTERWEAVE FUNCTIONALITY AND AESTHETICS.





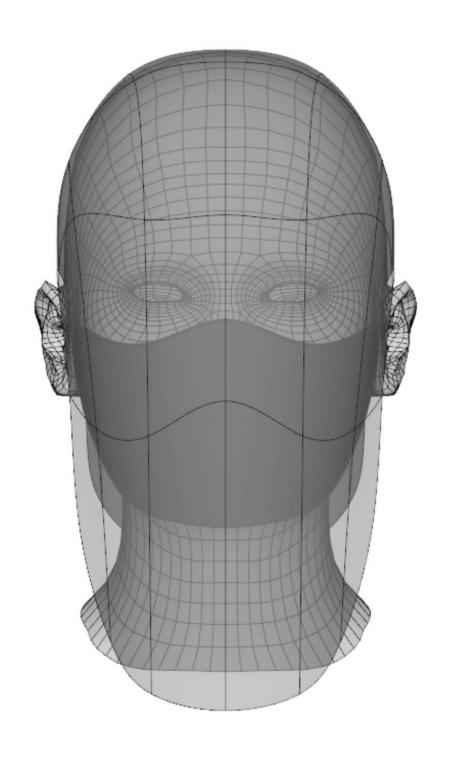


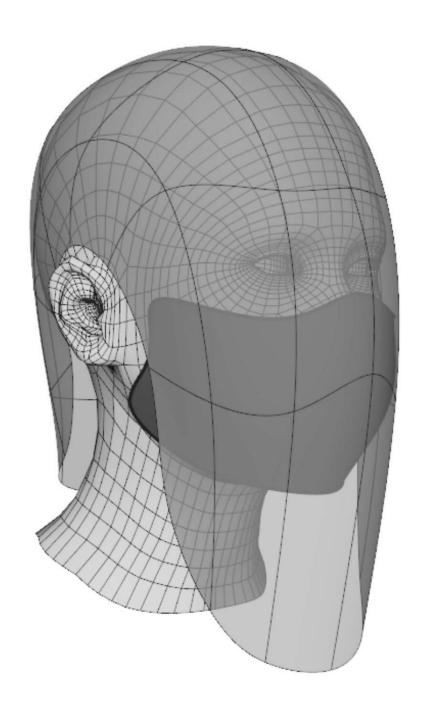


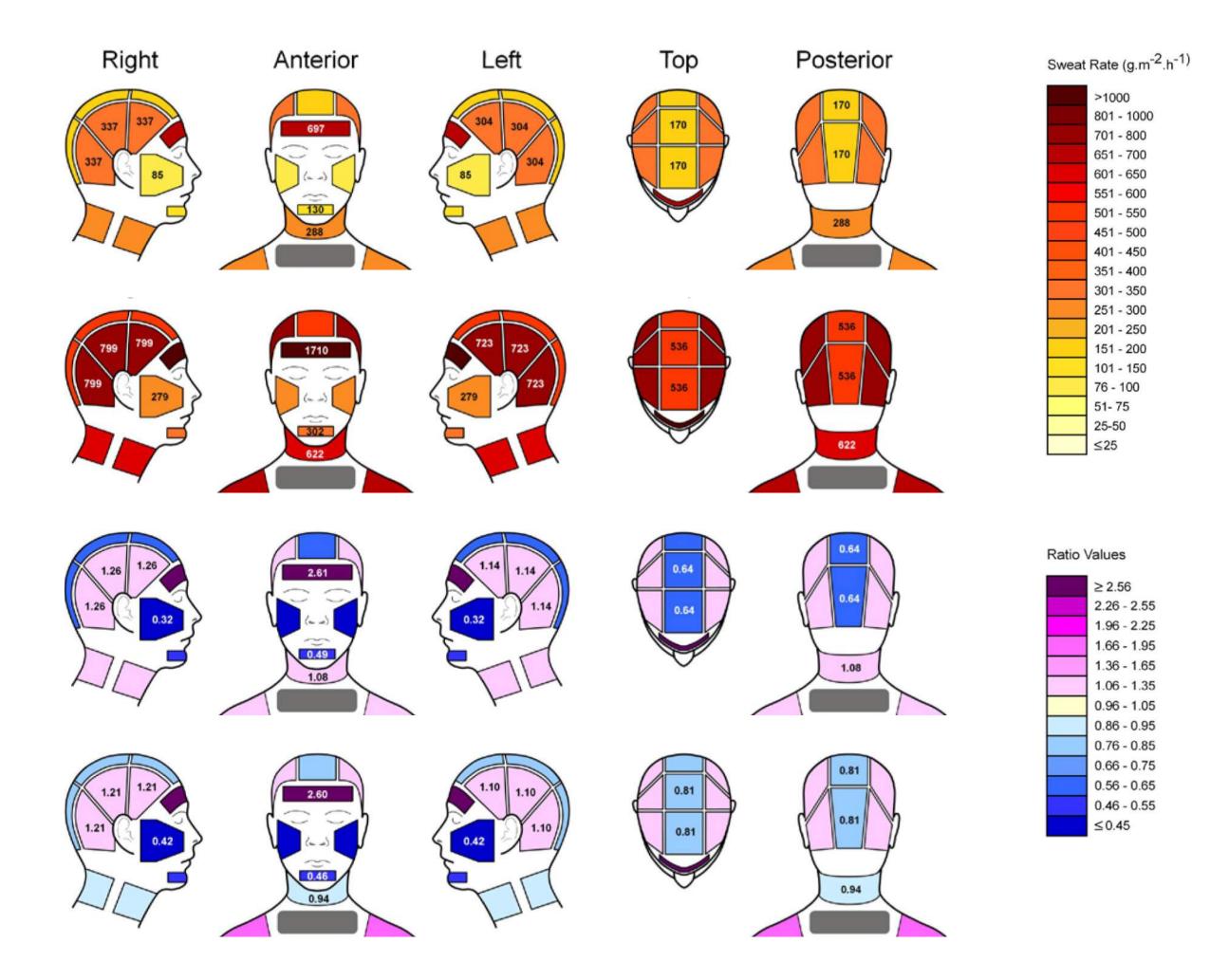


ONCE THE AESTHETIC AND FUNCTIONAL POTENTIAL OF THE TOOLS WERE EXPLORED THE FOCUS OF THE RESEARCH RETURNED ON THE INTEGRATION BETWEEN THE HUMAN BODY AND THE TECHNOLOGY.

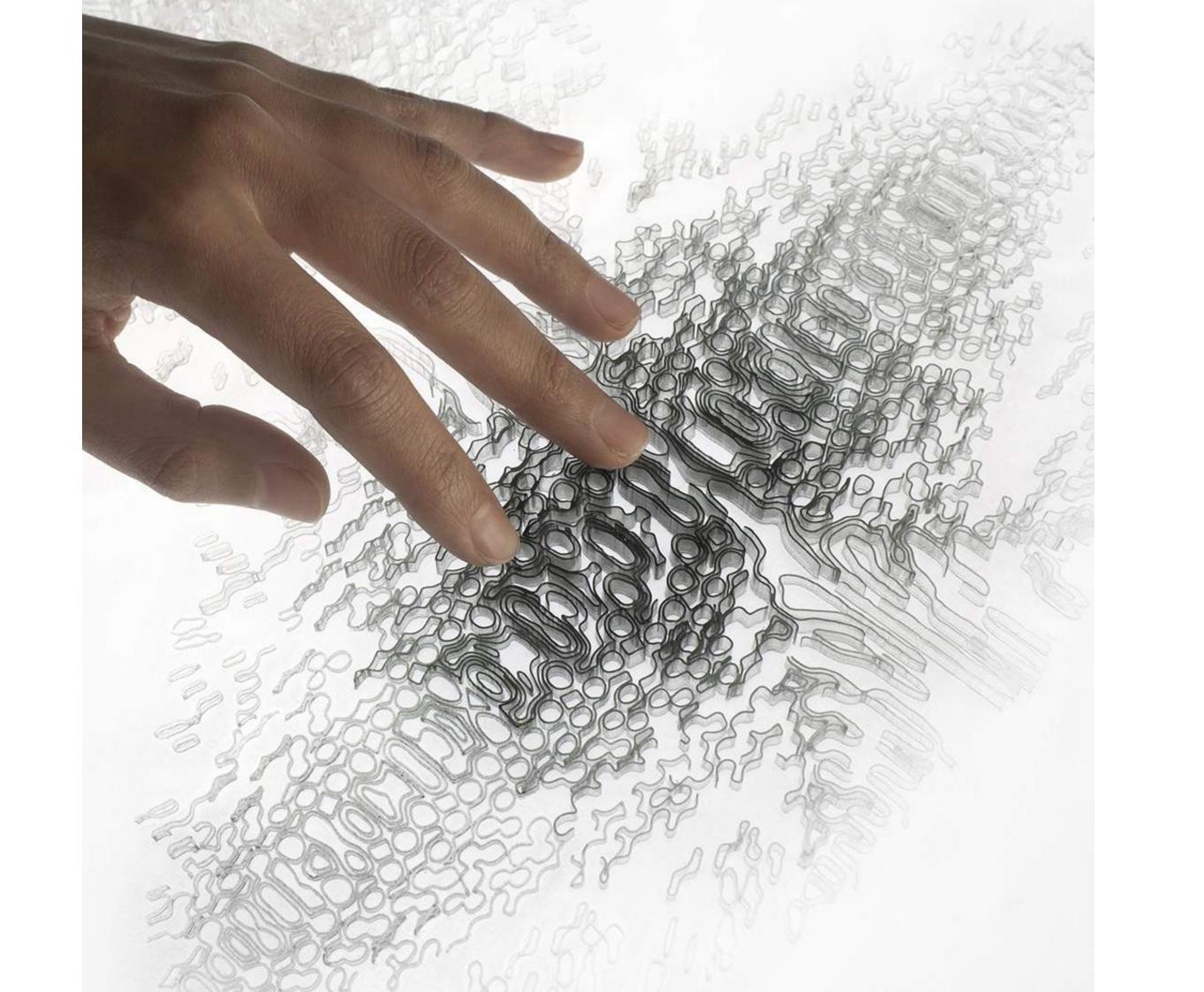
TOGETHER WITH AESTHETIC AND FUNCTIONAL REQUIREMENTS THE DESIGN OF THE PROTECTIVE HEADPIECE WAS AUGMENTED THROUGH THE USE OF STUDIES OF TEMPERATURE MAPS PROVIDED BY EMPA AND OF HUMAN HEAD TOPOLOGY PROVIDED BY UFG.

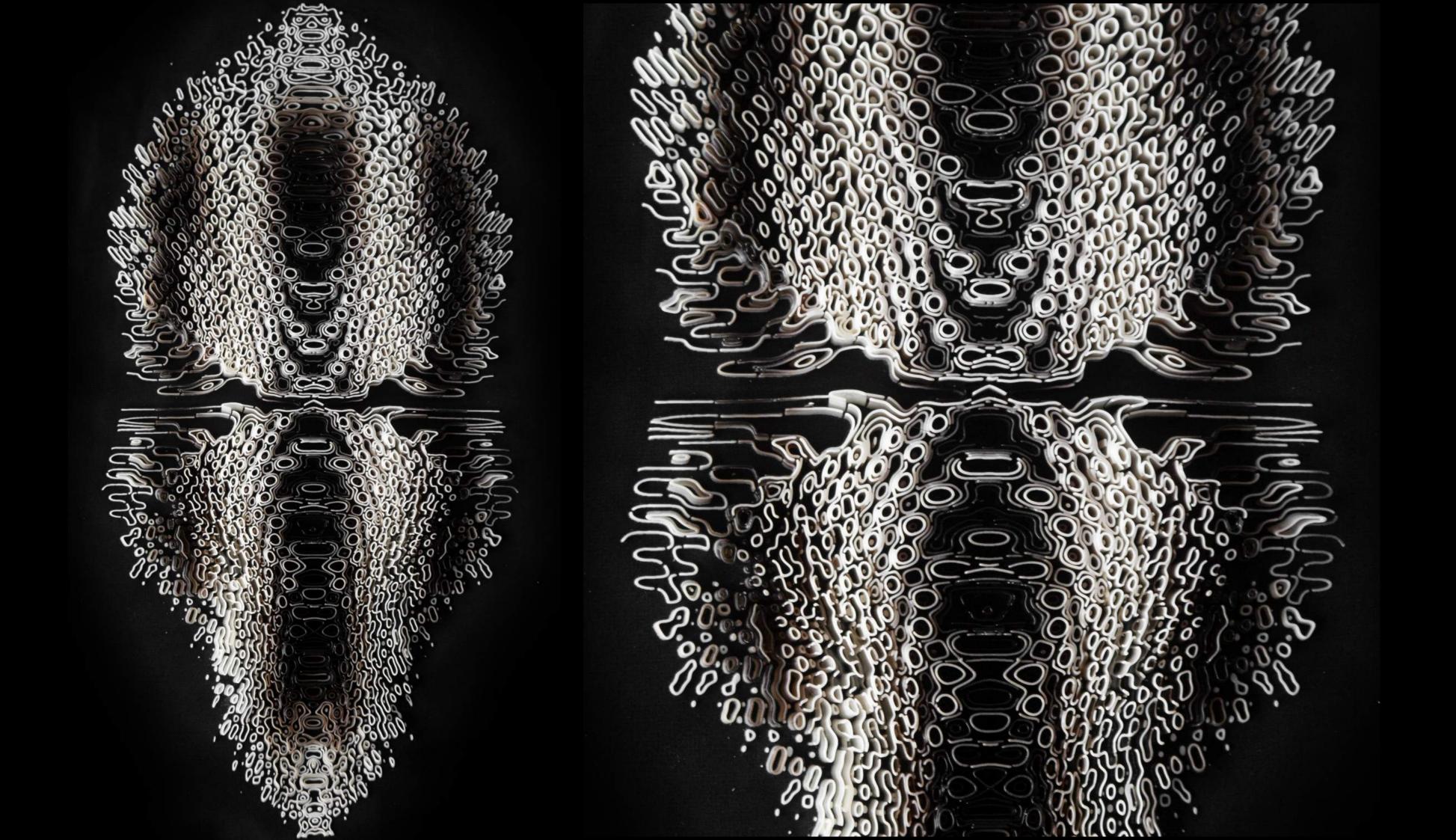




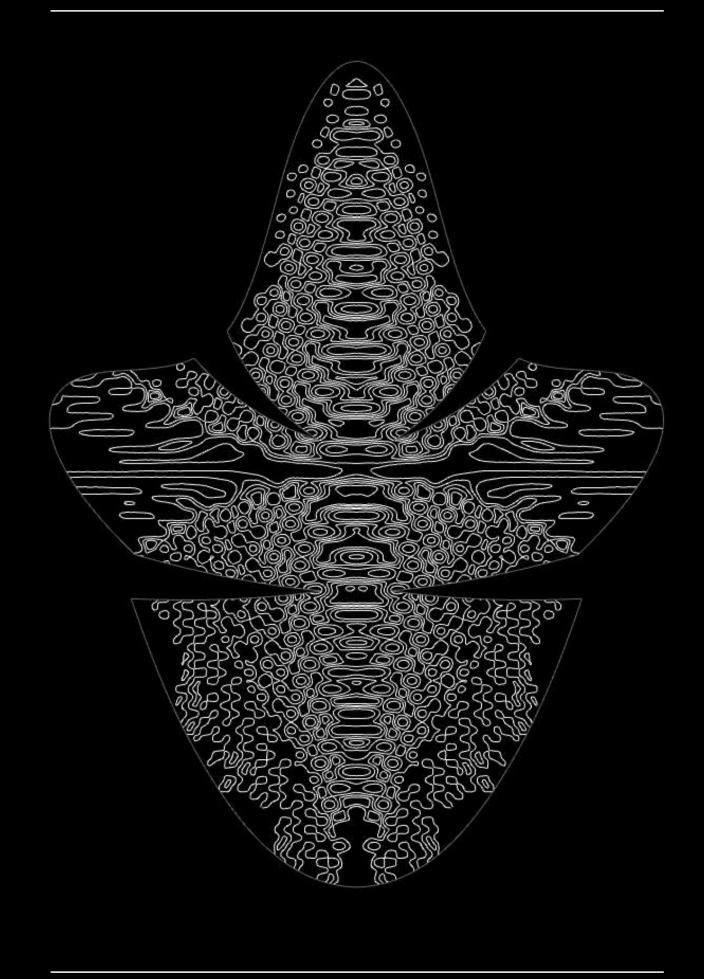


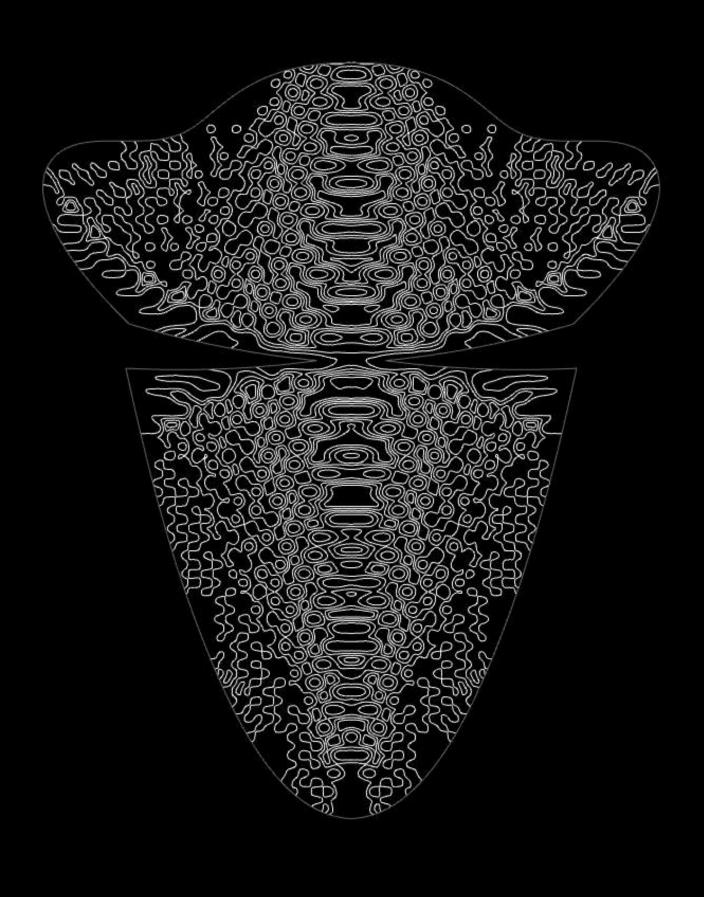




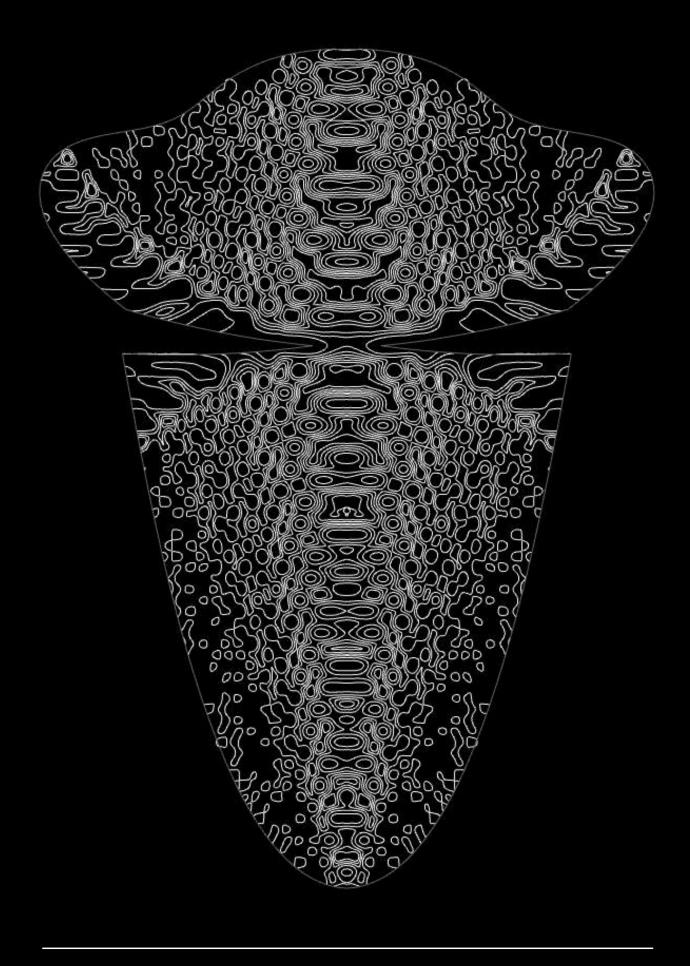


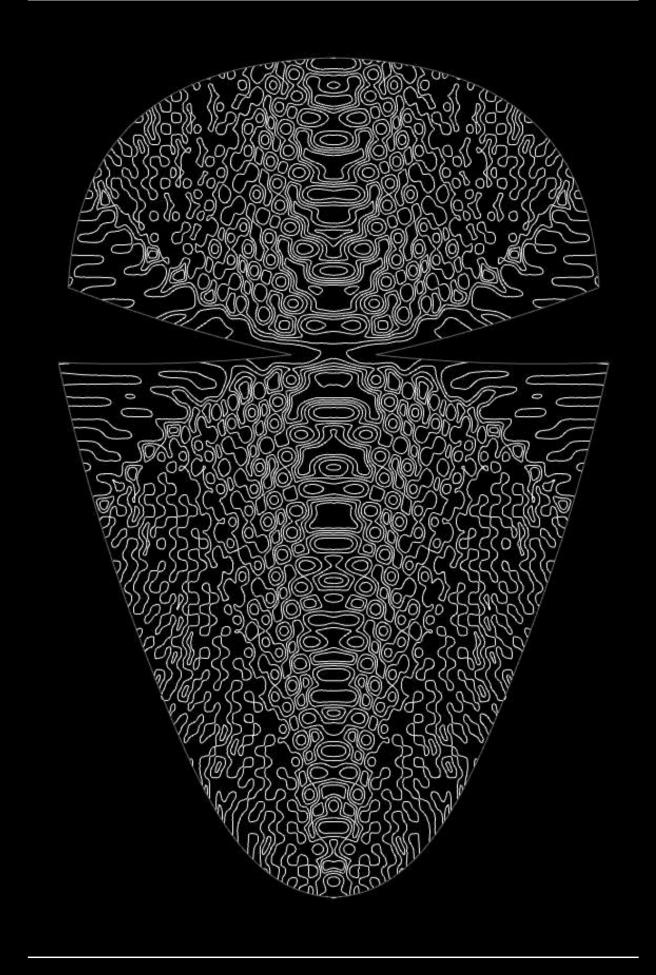
THROUGH THE DEVELOPMENT OF DIFFERENT TOILES A FINAL WORKING PROTOTYPE WAS THEN DEVELOPED ALLOWING FOR THE DIFFERENT FEATURES TO BE INTEGRATED IN A FULL SCALE WEARABLE HEADPIECE		



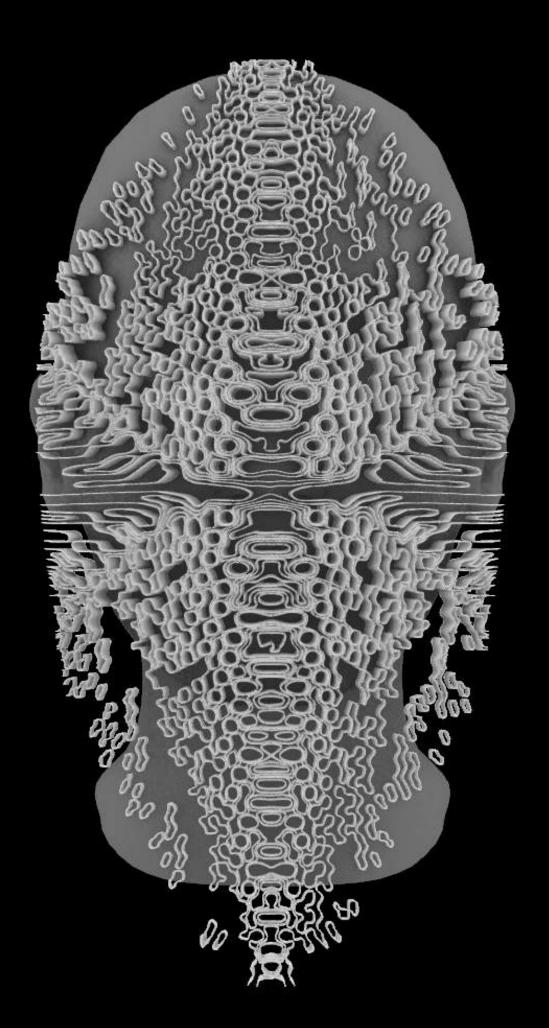


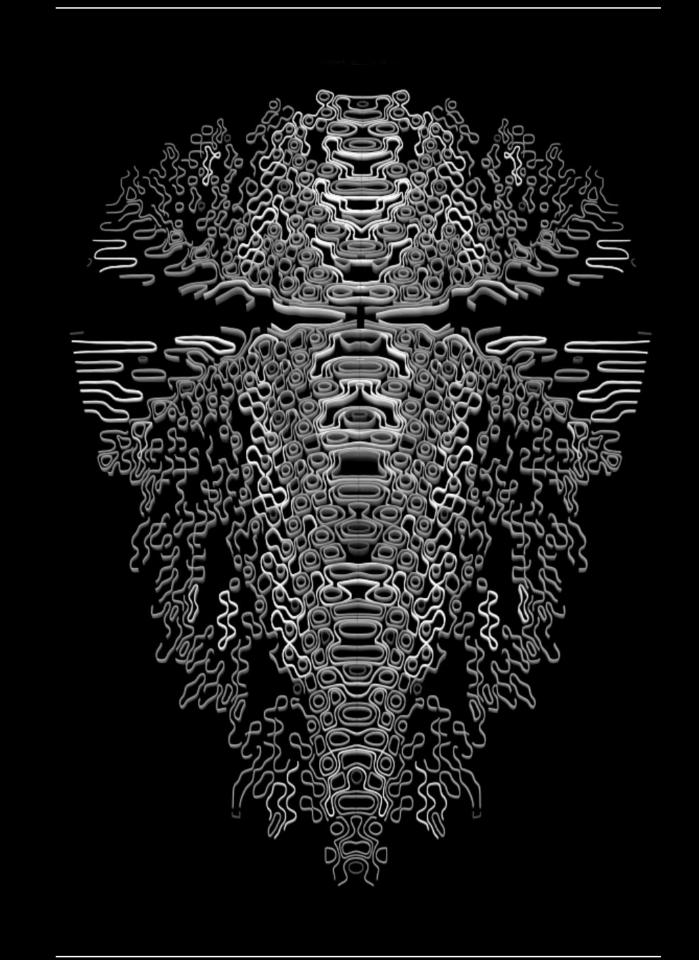
TOILE 1.0 TOILE 2.0

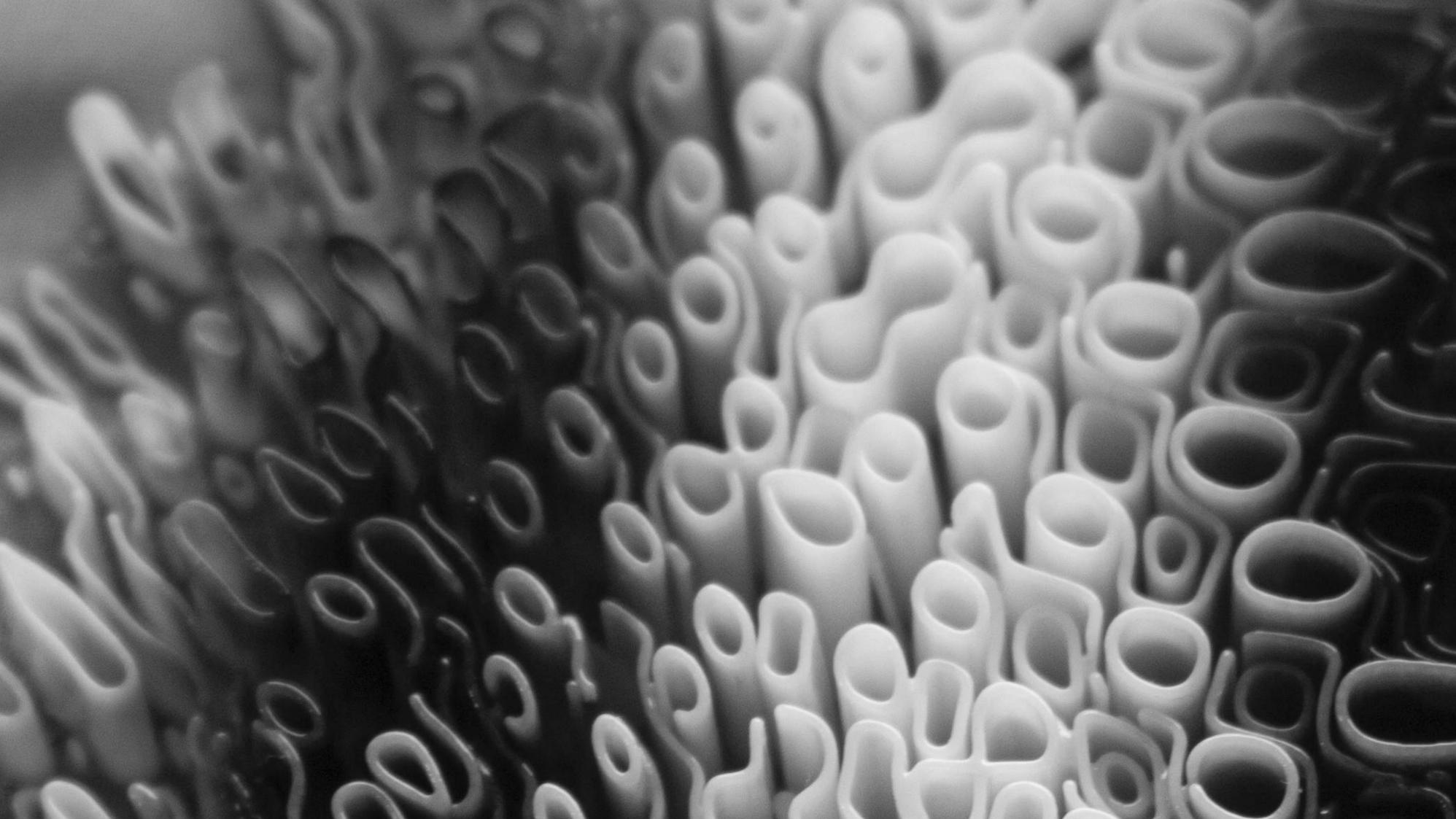


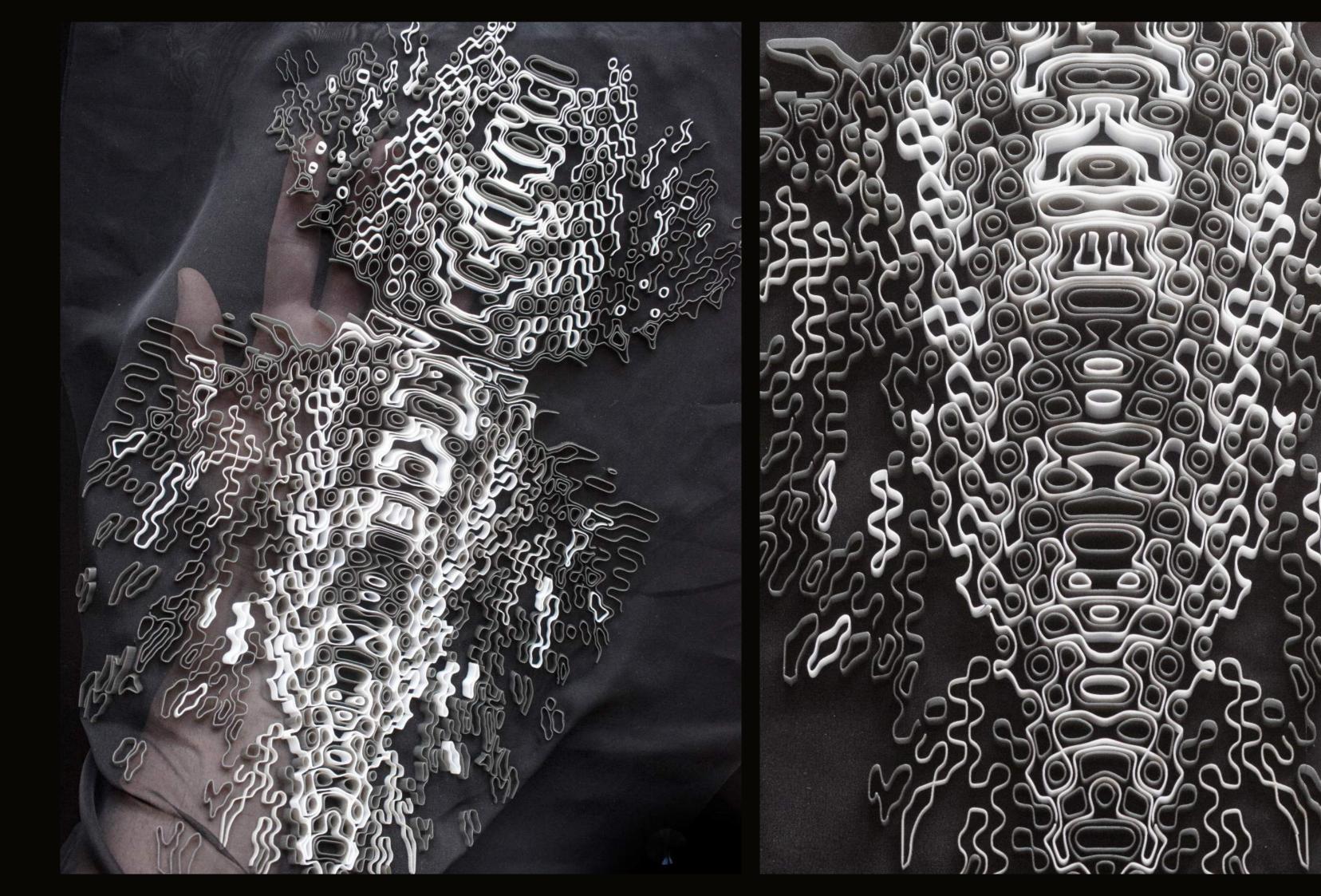


TOILE 2.1 TOILE 3.0









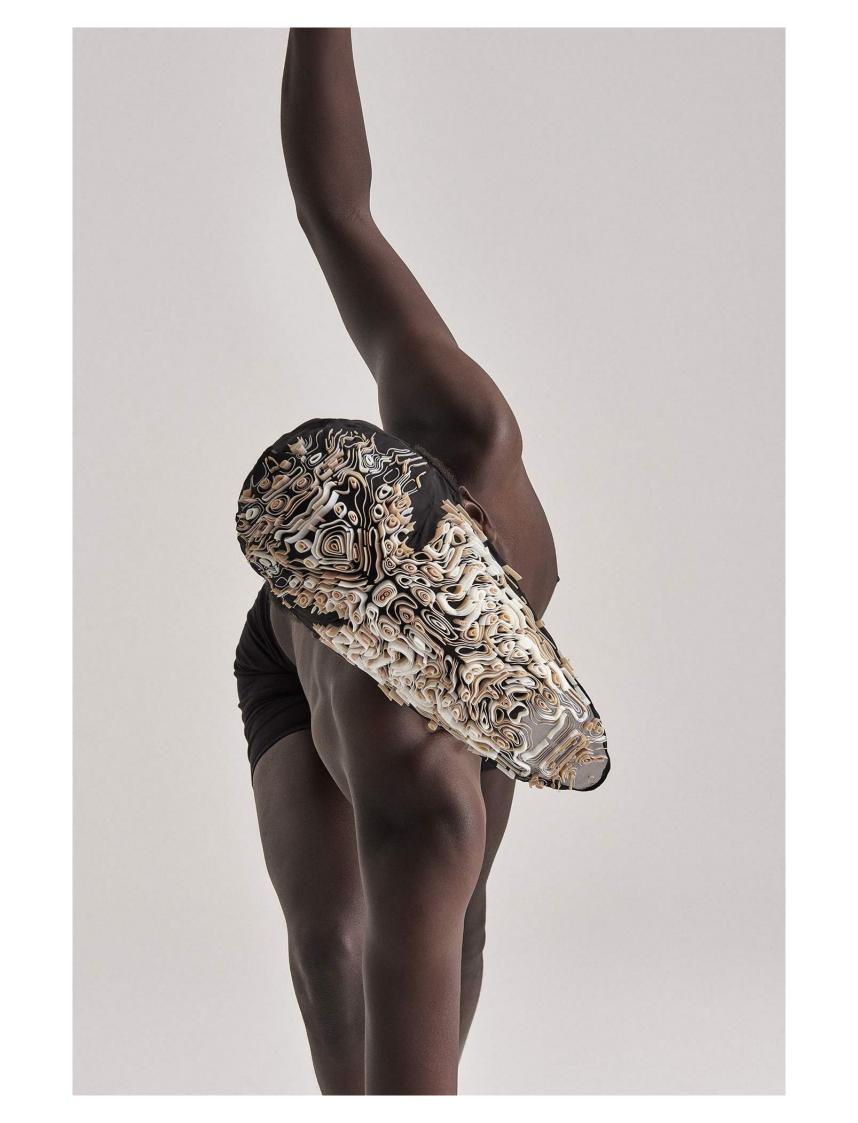




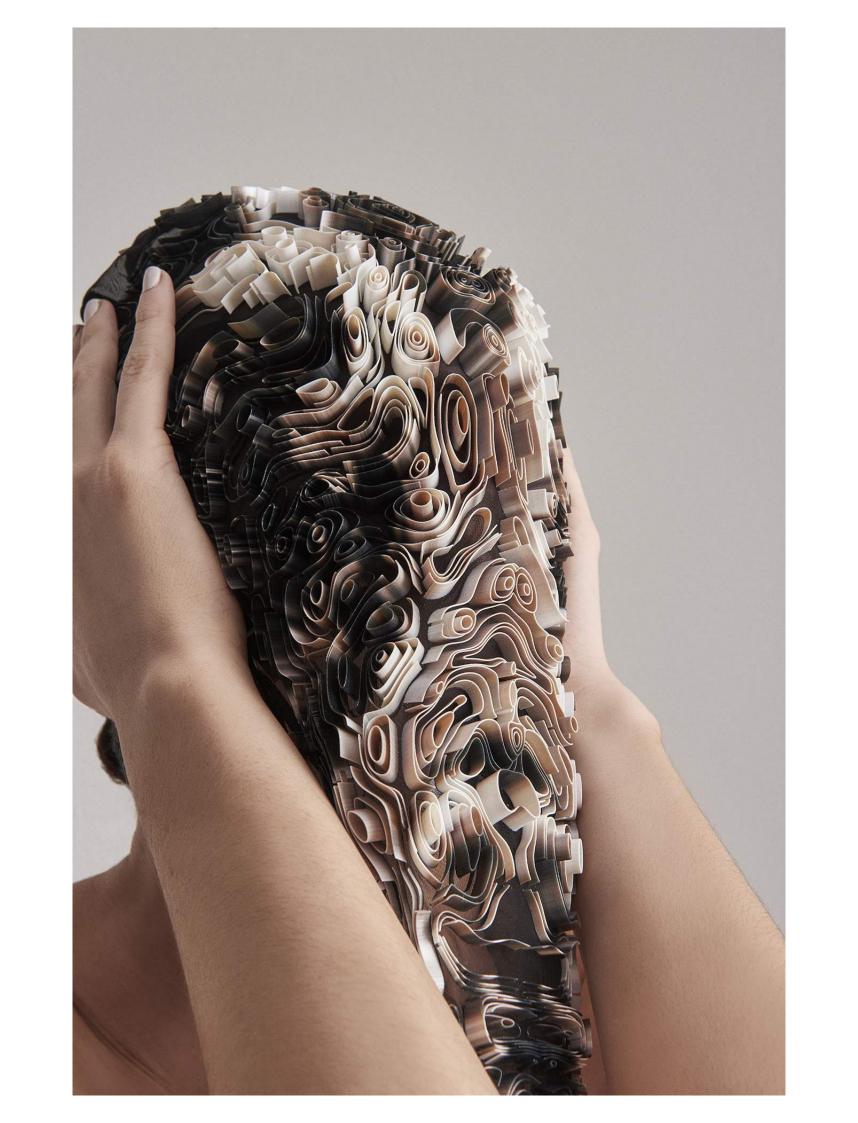












CREDITS

ARTISTS

Filippo Nassetti, Vincenzo Reale

TECHNOLOGY PARTNERS

STRATASYS | Creative Director Naomi Kaempfer
STRATASYS | PolyJet Technology Expert Boris Belocon
STRATASYS | Demo Team Leader RND Testing Yossi Siso
STRATASYS | Application Engineer Hila Desheh
STRATASYS | Technology used Stratasys J850™ 3DFashion™
HARATECH | Engineer, M&P Engineering Guillaume Clement
HARATECH − Christof Jakowitsch − Prototyping
Empa | Senior Scientist Agnes Psikuta
Empa - Ivo Rechsteiner - Technician

Fashion & Technology (UFG) Design Expert Sander Hofstee

REFREAM HUB LINZ

Creative Region Linz & Upper Austria | Manager Hub Linz Verena Traunmüller + Claudia Kappl Creative Region Linz & Upper Austria | Lead Financial Manager Georg Tremetzberger Creative Region Linz & Upper Austria | Communications Manager Wolfgang Gumplmaier-Mach Creative Region Linz & Upper Austria | Lead Project Coordinator Gisa Schosswohl

EXTERNAL CONSULTANCY

Pattern Prototyping Antonietta Canta Tailoring Orhan London Tailoring

PHOTO AND VIDEO

Photographer Paul Farnham Videographer Olga Kott Stylist Zita Fodor Grooming Jessica Kell Talents Ayo + Webster @ D1 Pfion Vince @ Mr Talent Digital Assistant Gaston Torres Studio Lemonade Factory

FURTHER LINKS

https://filipponassetti.com/ https://www.instagram.com/filipponassetti/?hl=en https://www.instagram.com/vincenzoreale/?hl=en https://re-fream.eu/

