



EMILY KELLER

KNITWEAR DESIGNER



I grew up just outside of Hershey, Pennsylvania, where the air smelled like chocolate most days. This is where I was first introduced to sewing and crocheting by my grandmothers and mother.

Since then, I've lived four additional places and have either studied and/or worked in fashion in each place.

On the opposite page is a resume map of where I've lived and what I did there related to fashion.



Salt Lake City
 First Fashion Design Class & Fashion Show
 Taylorsville High School
 2004 - 2005



First fashion design internship
 Black Chandelier
 2006



New York
 Fashion Design Major
 The Fashion Institute of Technology
 2005 - 2009



Various internships and jobs
 2007 - 2011



Emily Keller LLC
 2014 - 2020



Milan
 Knitwear Specialization
 Politecnico di Milano
 2007 - 2008



POLITECNICO
 MILANO 1863

Shanghai
 Knitwear Design Intern
 Stoll
 2011



Knitwear Designer
 DZ Group
 2011 - 2014



DESIGN

Design beliefs are themes or concepts that I explore repeatedly. They make up the aesthetic of my knitwear designs. At least one of them always shows up in everything I design. Many designs incorporate all three themes.

These are concepts that I have been exploring since I started in design about twenty years ago.

As I have designed through the years, stepped back, and looked at my work, I have identified three recurring elements.

BELIEFS

1. Trompe-l'œil
2. Unique fabric structures
3. Functionality



COCOON
COLLECTION



In Chinese culture, butterflies have a variety of meanings. Immortality, long life, young love, a happy social life, grace, joy, and are a symbol of summer. The meanings are grounded around the ideals of a fulfilled life; connection, growth, happiness, and health.

变态

It's a common decoration for embroidery, chinaware, home goods, and other pattern applications across various products.



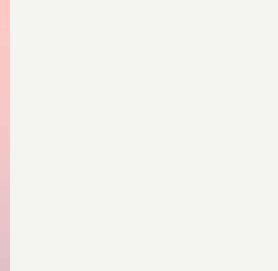
The colors of butterflies, and the structure of cocoons were combined for inspiration.

蝴蝶茧

This collection embraces vibrant color, transparency, and layering. It represents expression, vulnerability, and change. Reversibility is used in each garment to prioritize versatility and functionality for the modern professional Chinese woman.



PANTONE®
PANTONE® 13-1510 TCX



PANTONE®
PANTONE® 11-0601 TCX



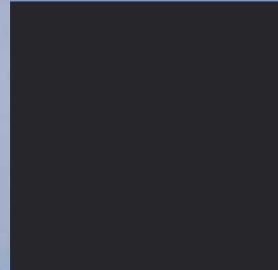
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PANTONE® 13-5414 TCX



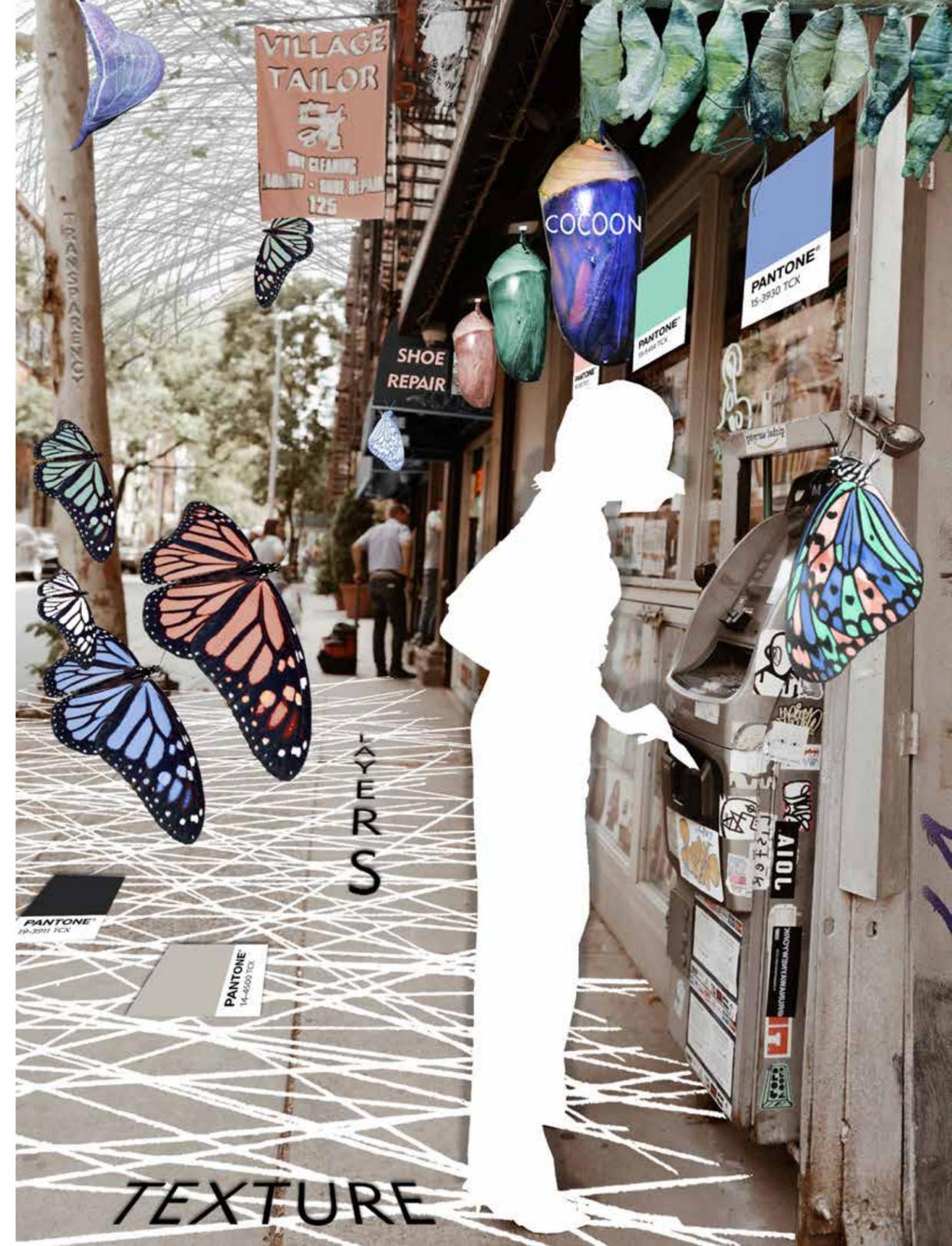
PANTONE®
PANTONE® 14-4500 TCX

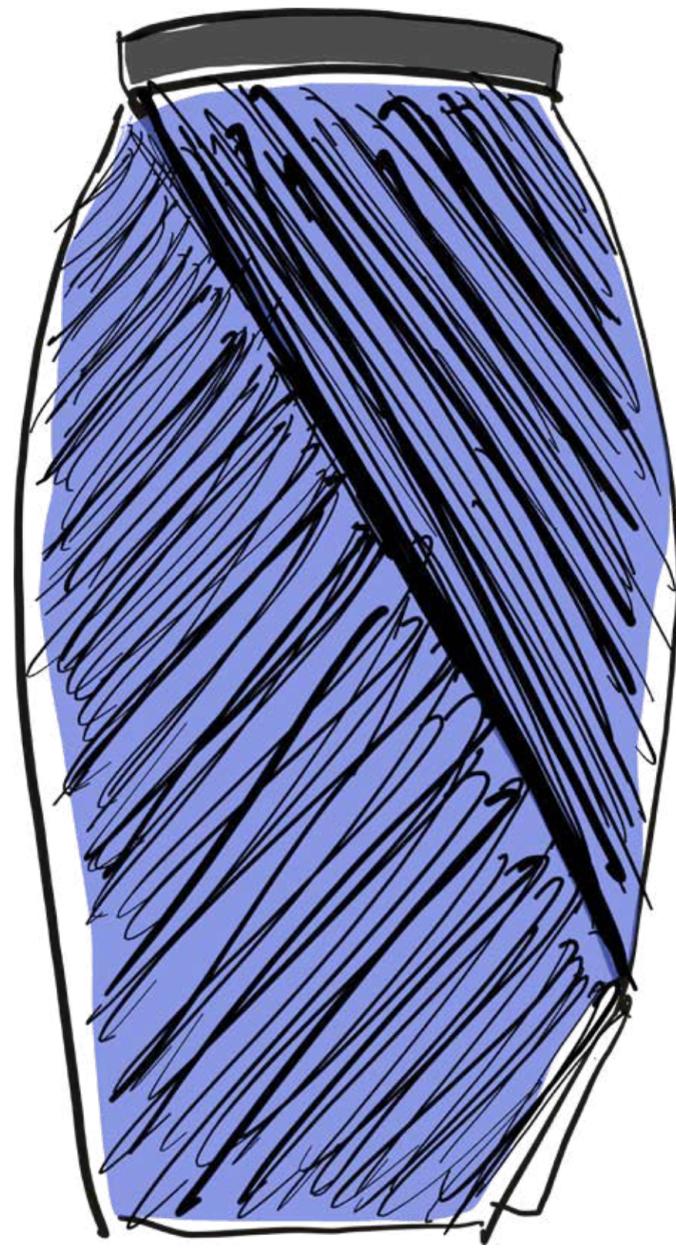
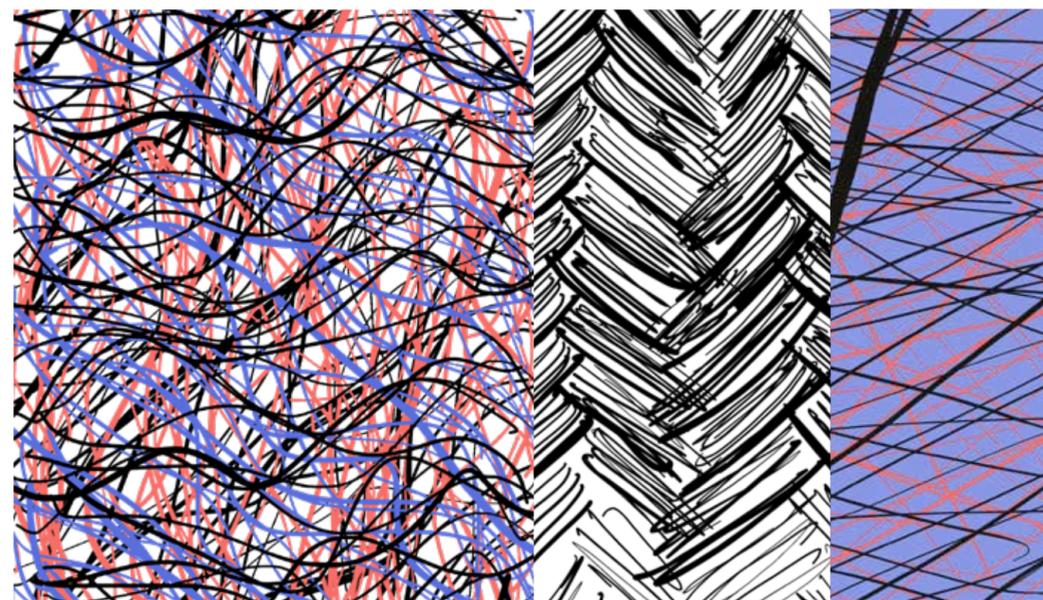
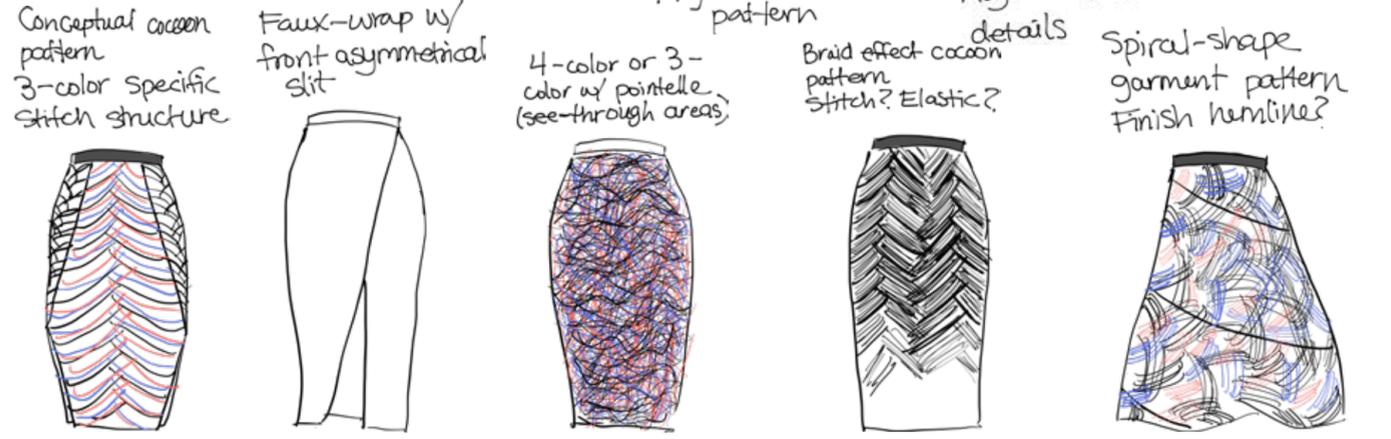
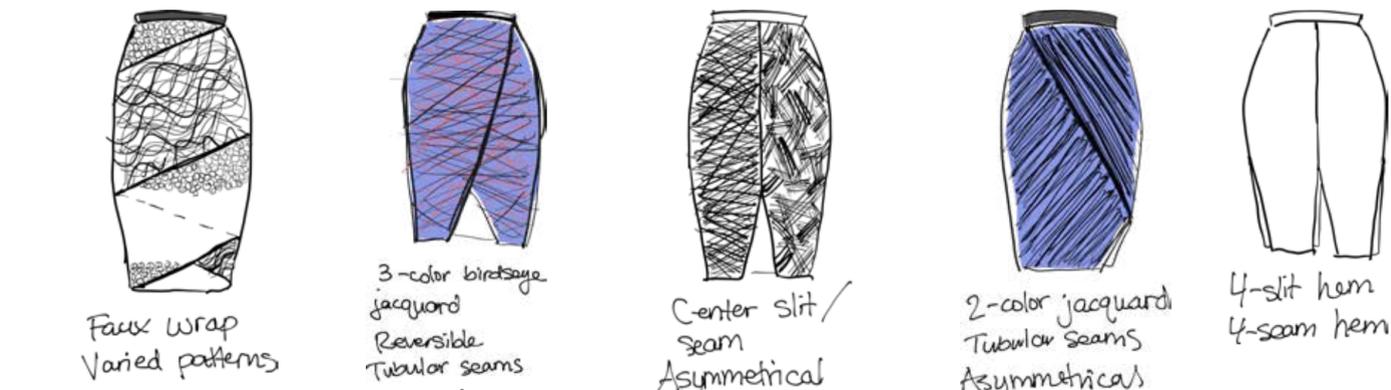


PANTONE®
PANTONE® 15-3930 TCX

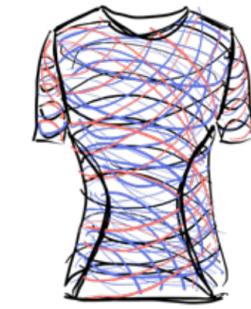


PANTONE®
PANTONE® 19-3911 TCX





Energy. Rounded effect Strategic placement of illusions



Also the V-neck?

Develop contrasting rounded garment shape with angular patterns & vice versa

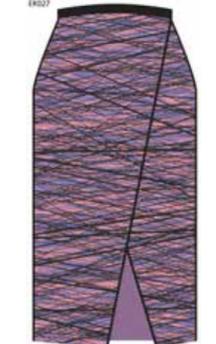
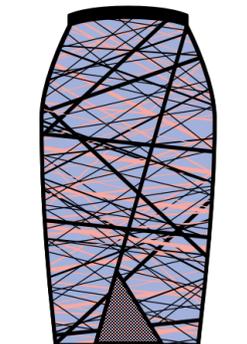
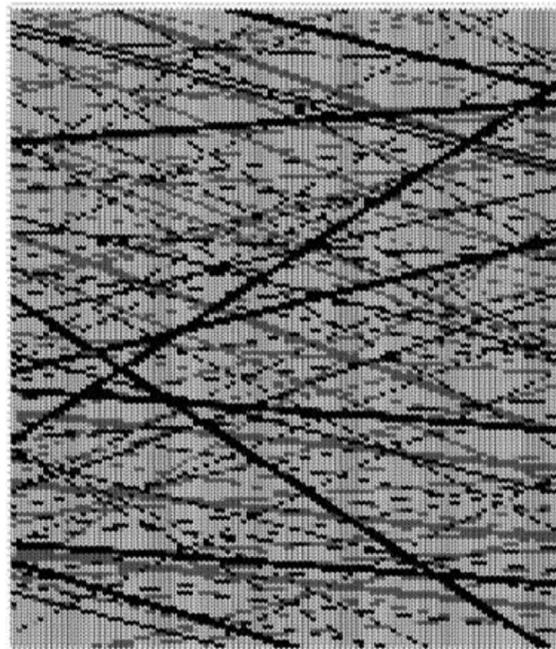
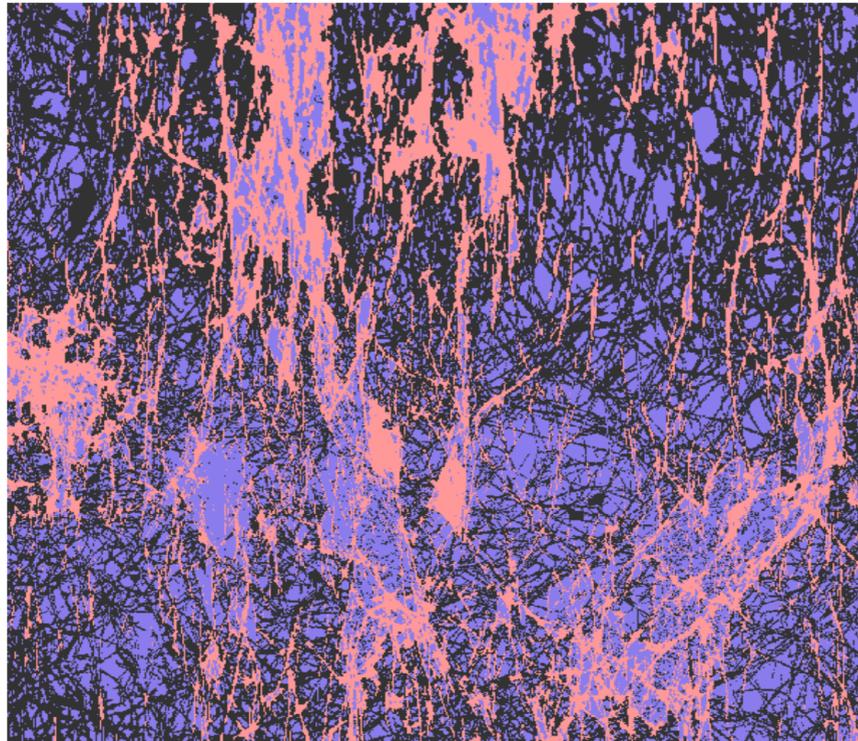
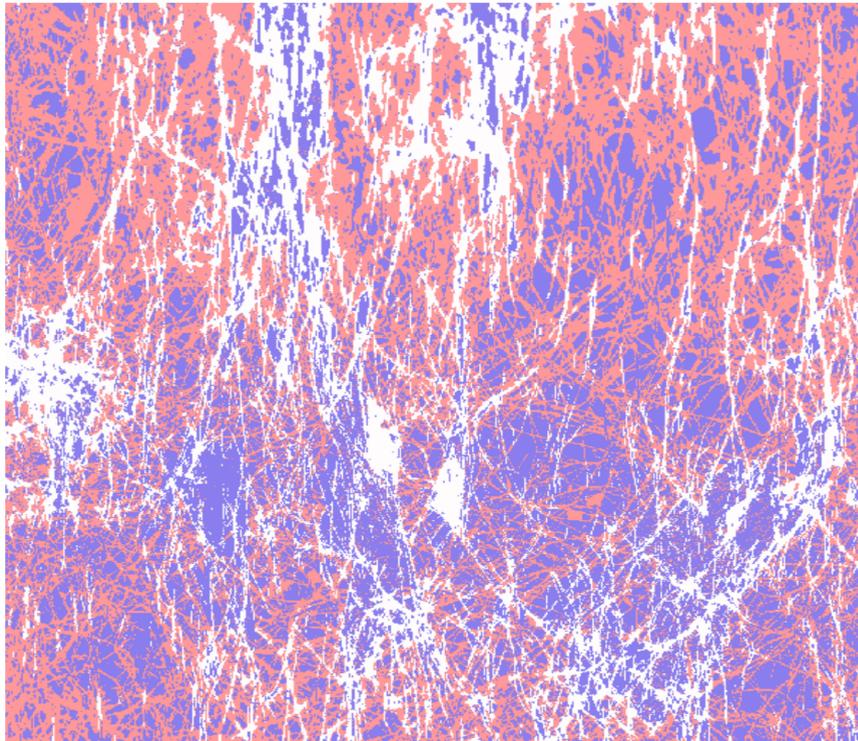


Galaxy-like More cocoon-like? Movement, energy



Big details in cocoon within jacquard pattern





EK
EMERY KELLER
Spring 2016
EK026

ARTWORK
Color placement is at CAD. Please use similar colors from your stock yarn.

SEW THE MEASUREMENTS FOR FRONT AND BACK PANELS
100cm

Color placement is at CAD. Please use similar colors from your stock yarn.

SEW THE MEASUREMENTS FOR FRONT AND BACK PANELS
100cm

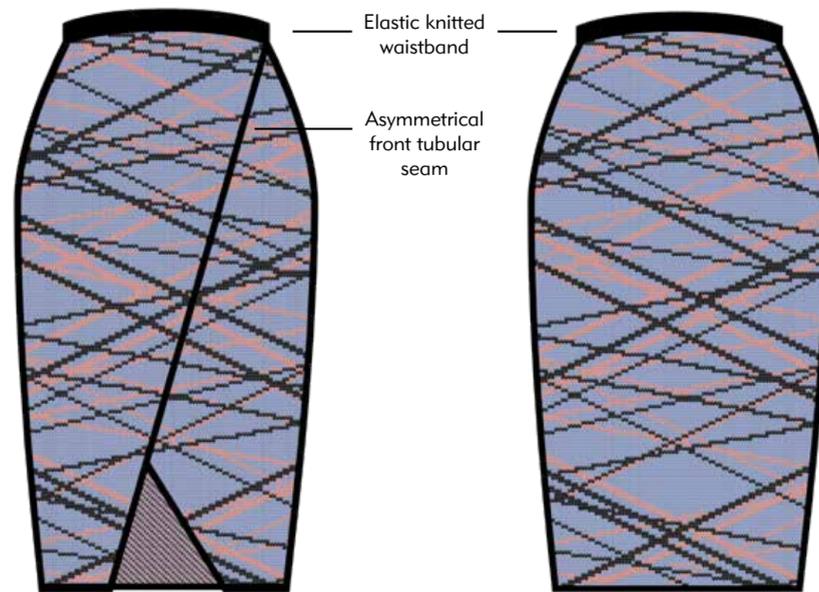
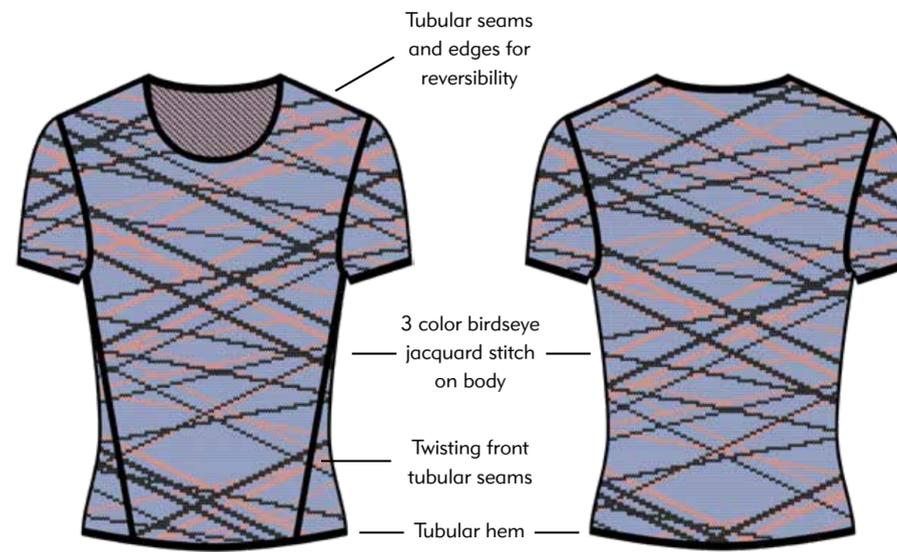
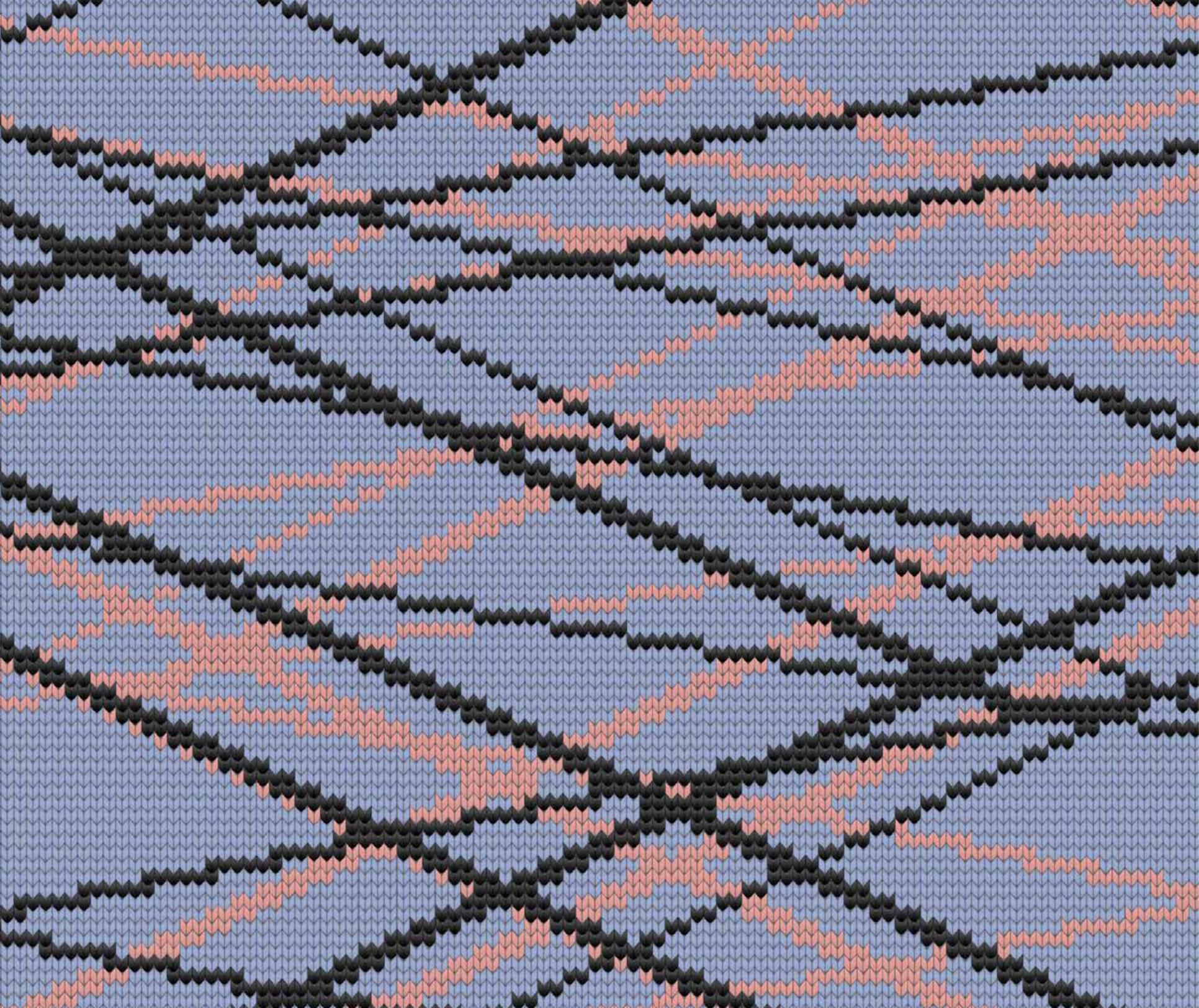
EK
EMERY KELLER
Spring 2016
EK027

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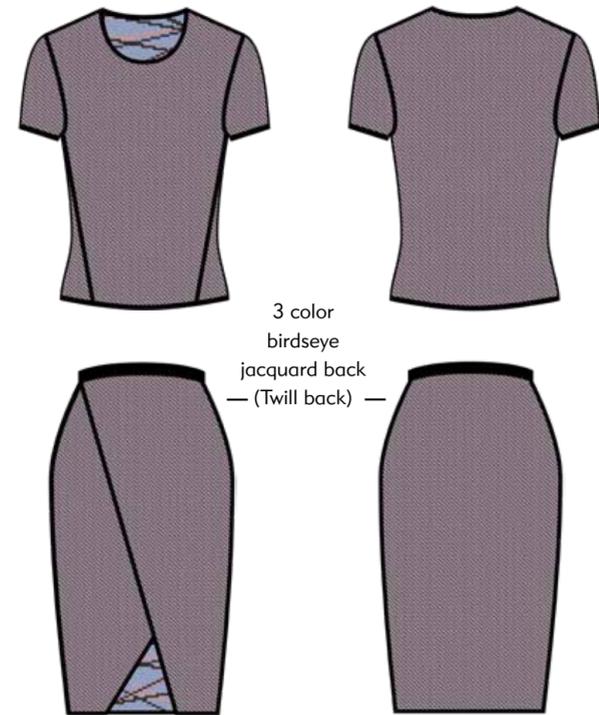
SEW THE MEASUREMENTS FOR FRONT AND BACK PANELS
100cm

Color placement is at CAD. Please use similar colors from your stock yarn.

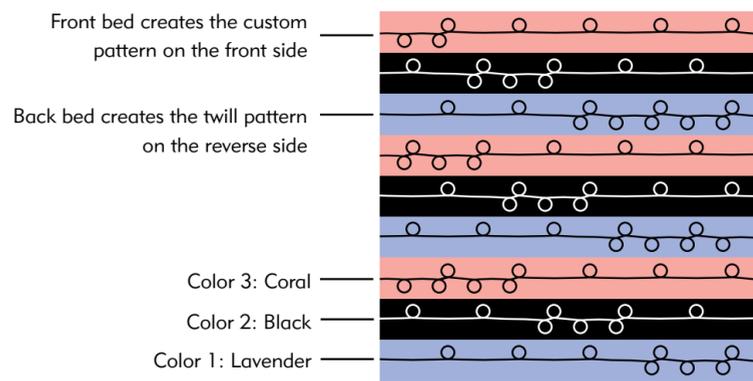
SEW THE MEASUREMENTS FOR FRONT AND BACK PANELS
100cm



REVERSE SIDE



TECHNICAL STITCH VIEW



Cocoon

EK028

DESCRIPTION: 3 Color Birdseye Jacquard T-Shirt

CONTENT: 100% Cotton 2/32's 1 End each color

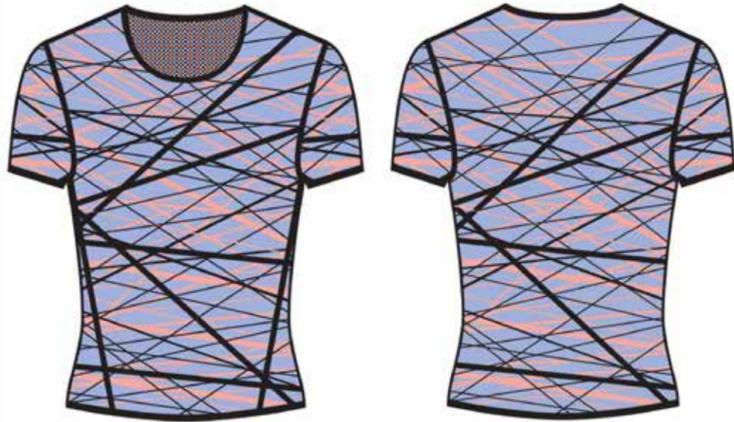
1. White - B2347 2. Coral - B4498 3. Purple - B8267

gg: 14 GG

STITCH: 3 Color Birdseye Jacquard

FRONT

BACK



Stitch Reference



I will email you a new bmp file for this style. Do not use the swatch bmp file.

DETAIL SHEET

Cocoon

EK028

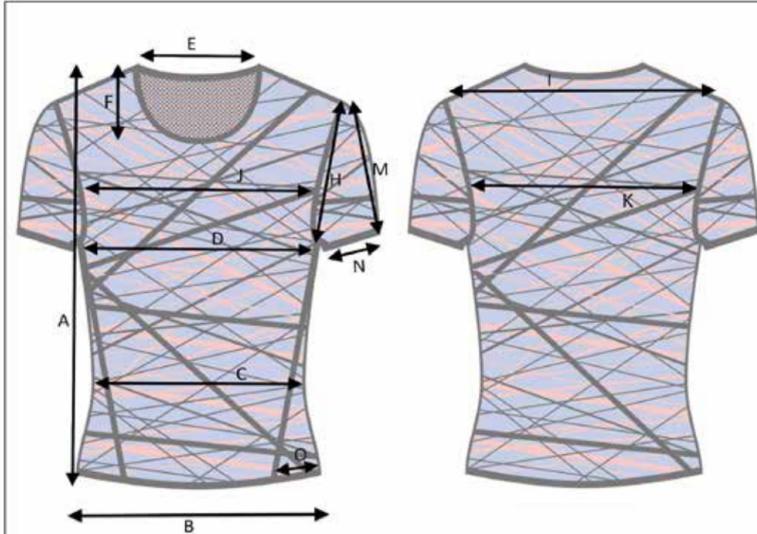
DESCRIPTION: 3 Color Birdseye Jacquard T-Shirt

CONTENT: 100% Cotton 2/32's 1 End each color

1. Black - B2347 2. Coral - B4498 3. Purple - B8267

gg: 14 GG

STITCH: 3 Color Birdseye Jacquard



A	LENGTH	59 CM	J	FRONT 13 CM BELOW HPS	34 CM
B	BOTTOM WIDTH	41 CM	K	BACK 13 CM BELOW HPS	34 CM
C	WAIST WIDTH	36 CM	L	TUBULAR WIDTH	1 CM
D	CHEST WIDTH	40 CM	M	SLEEVE LENGTH	17 CM
E	NECK WIDTH	17 CM	N	SLEEVE WIDTH	15 CM
F	FRONT NECK DROP	16 CM	O	SIDSEAMS TOWARDS FRONT	8 CM
G	BACK NECK DROP	2 CM			
H	ARMHOLE STRAIGHT	18 CM			
I	SHOULDER WIDTH	34 CM			

CONSTRUCTION

Cocoon

EK028

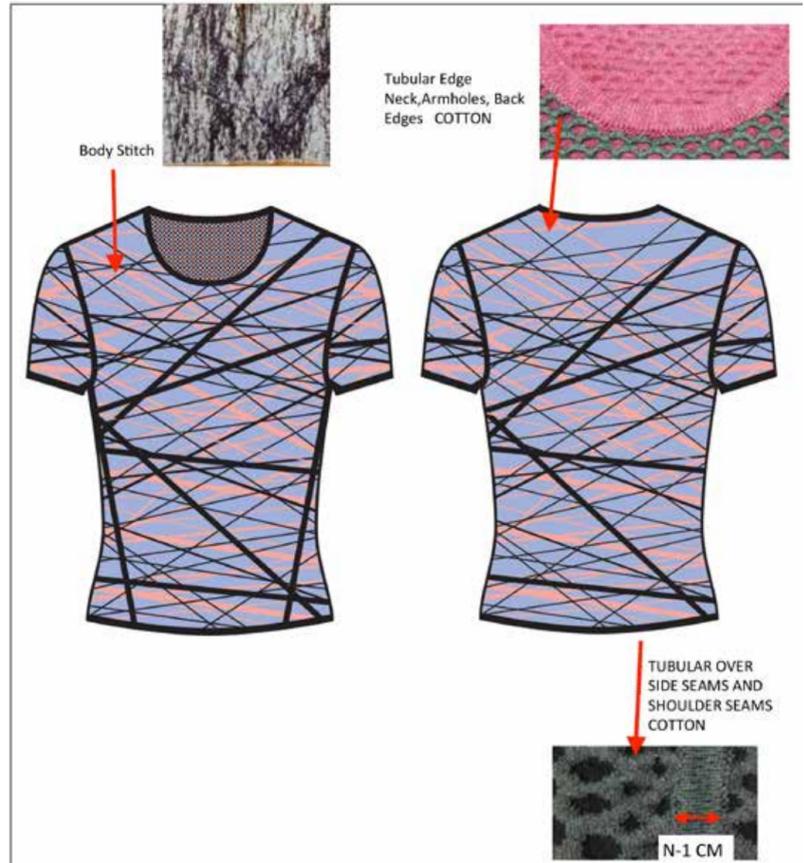
DESCRIPTION: 3 Color Birdseye Jacquard T-Shirt

CONTENT: 100% Cotton 2/32's 1 End each color

1. Black - B2347 2. Coral - B4498 3. Purple - B8267

gg: 14 GG

STITCH: 3 Color Birdseye Jacquard



ARTWORK

Cocoon

EK028

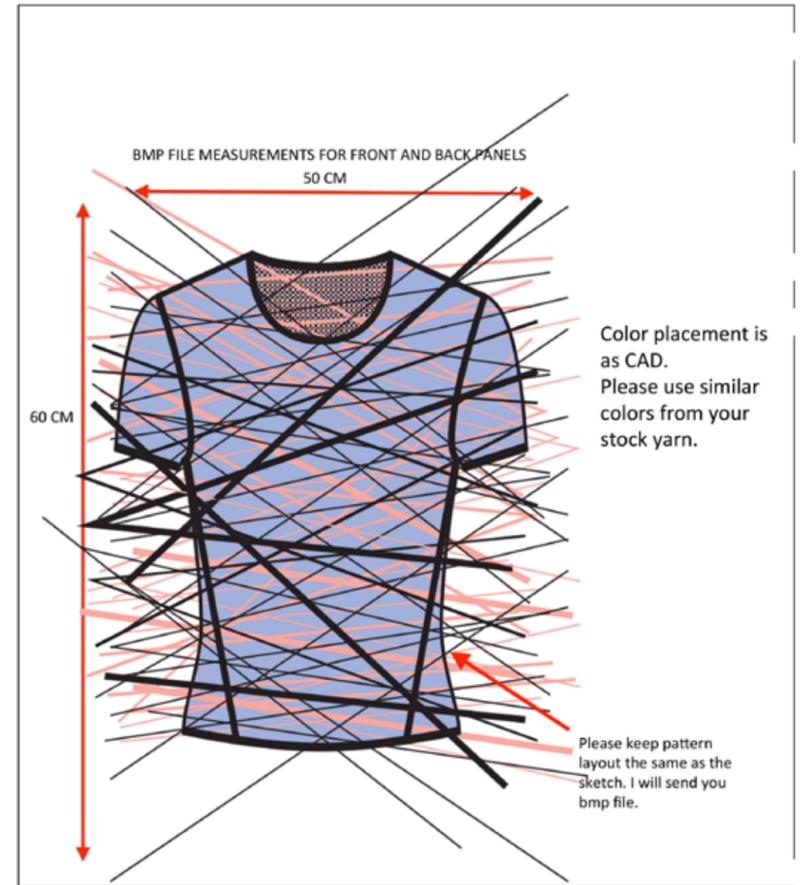
DESCRIPTION: 3 Color Birdseye Jacquard T-Shirt

CONTENT: 100% Cotton 2/32's 1 End each color

1. Black - B2347 2. Coral - B4498 3. Purple - B8267

gg: 14 GG

STITCH: 3 Color Birdseye Jacquard





This top and skirt were knitted in a 3-color birdseye jacquard structure.

The typical backside structure for the 3-color birdseye jacquard is the twill back alternating the 3 colors, every other row.

For every one stitch on the front, there are one and a half stitches on the back. This is a fabric imbalance of 66.6% (100% is balanced, meaning equal stitches on the front and back). As long as tensions are adjusted accordingly, this fabric imbalance is not an issue.

This stitch creates a solid foundation for exploration of reversible garments.



Techniques:

- Reversible Birdseye Jacquard
- Twill back structure
- Alternating elastic and cotton yarns for elastic waistband
- 3 Color Pattern
- Full-Fashioning
- Tubular Armhole and Neck Seams



100% Cotton
30/2s 1 End each color
Colors - Black, Lavender,
Coral





R e v e r s i b l e

The right knit stitches create a great foundation for reversible garments. As knitwear designers, we are very lucky to get to design not only the garment, but also the fabric.

Since, with fully fashioned garments, the fabric is being knitted at the same time as the shape, developmental planning and swatching needs to be done before sampling garments.

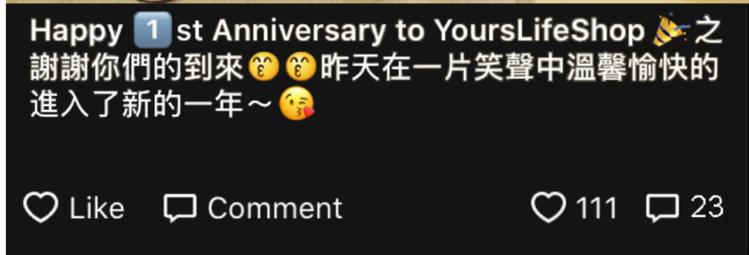
In this style, thorough development was done to get a desirable fabric by creating a pattern in line with the inspiration, a suitable cotton yarn for a warm weather collection, and colors that highlight the pattern in a flattering way.

My design beliefs are represented well in this look. The trompe-l'œil (in French "deceive the eye") comes through in the untraditional knit garments of a T-shirt and skirt set. The birdseye jacquard stitch might not be a unique fabric structure, but the garment construction is. Tubular seams and a clean twill back, are used to finish the garment so it is clean inside and out. Functionality comes through in the reversibility.



While working with Yours Life Shop, we sold a total of 46 pieces at an average price of 871 RMB (124.46 USD) per piece.

Customers loved the reversible concept. It really hooked them on initial introduction to our brand.



Our customers were working Chinese women who were married with a child, aged 28 to 40, from different parts of China, not just Shanghai.

Customers preferred the classic styles like cardigans and tops, and asked for more color options.





REPTILE
COLLECTION

蛇年

百搭

In Chinese symbology, those born in the year of the snake are regarded as intelligent, graceful, and materialistic. They tend to be charming and popular.

Black and red are considered lucky colors for the snake zodiac sign.

This collection was designed with stylized interpretations and texture in reptile pattern shapes.

Reversibility is used in every garment to prioritize versatility and functionality for the modern professional Chinese woman.



PANTONE®
19-3911 TCX

PANTONE®
18-5210 TCX

PANTONE®
11-0601 TCX

PANTONE®
14-4203 TCX

PANTONE®
17-1818 TCX





Fish Scales or reptile Scales?



Python pattern with stylized angular center shape



Miss America Sash python pattern

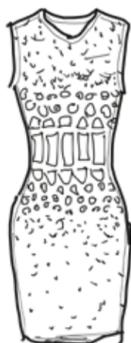
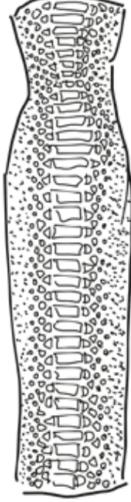


Abstract Scales into fringe

Techniques:
- Aran cables
- Birdseye Jacquard
- Jersey/Reverse Jersey



Pattern widths complete to body width of - bust - waist - hip



Horizontal python pattern at waist to accentuate



Offset python pattern

Asymmetrical pattern / Asymmetrical silhouette



Dramatic angular Scales

All over rather than stripes



The Little Mermaid



Stitch as EKOGS like small scales in 2 colors



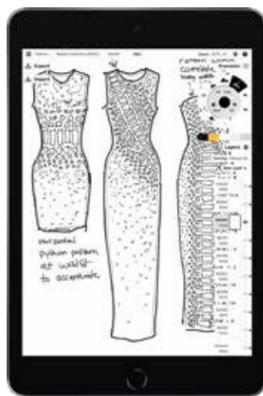
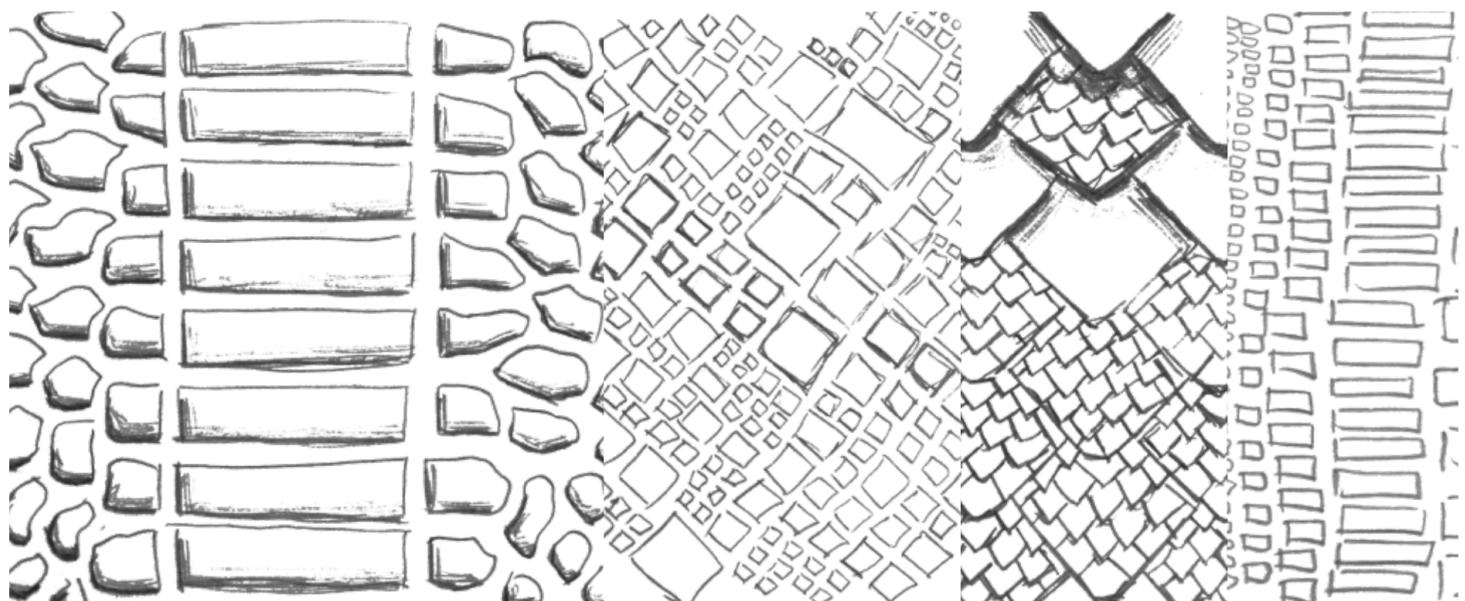
Angular python pattern

Techniques:
- Birdseye Jacquard with elastic for texture



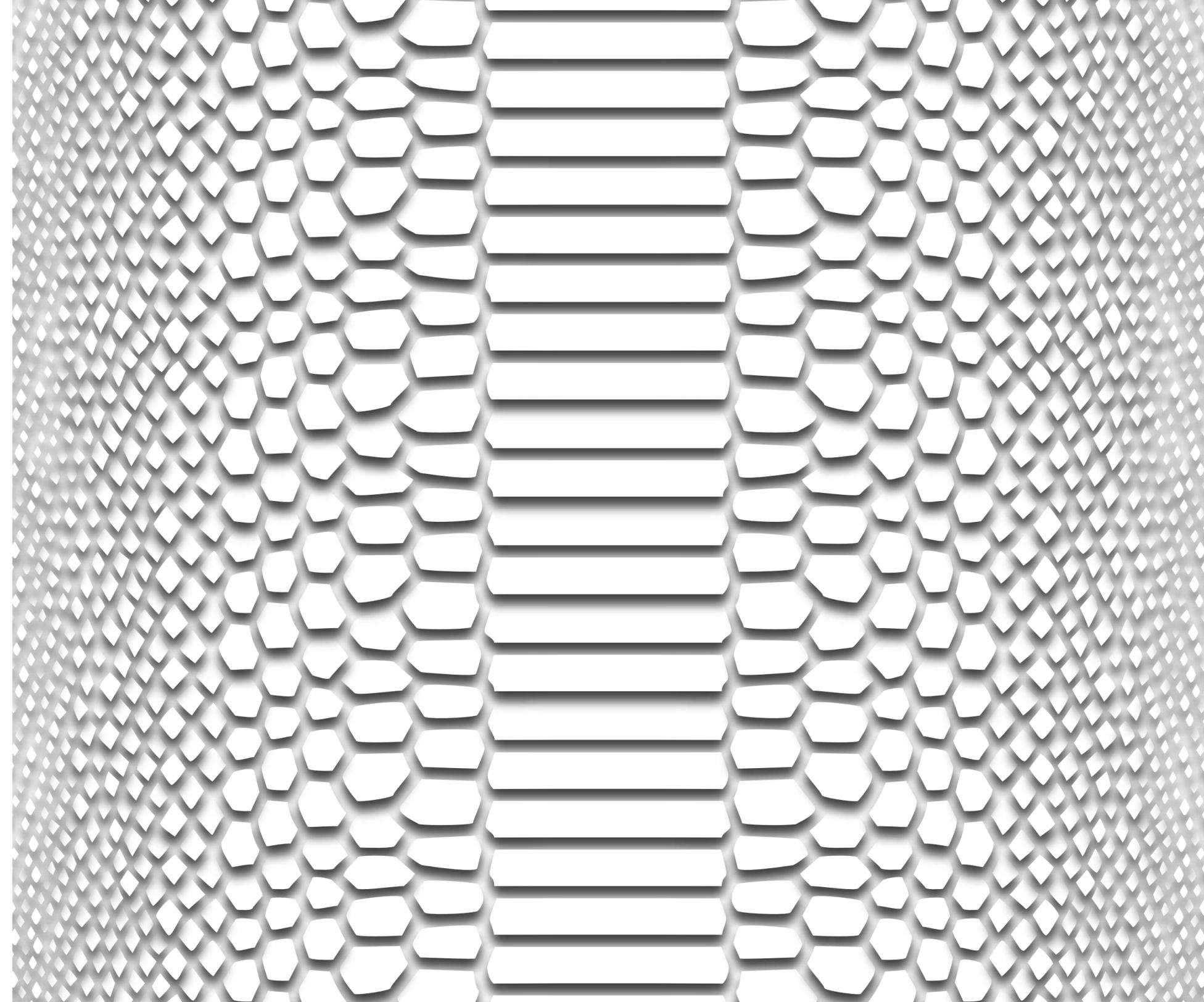
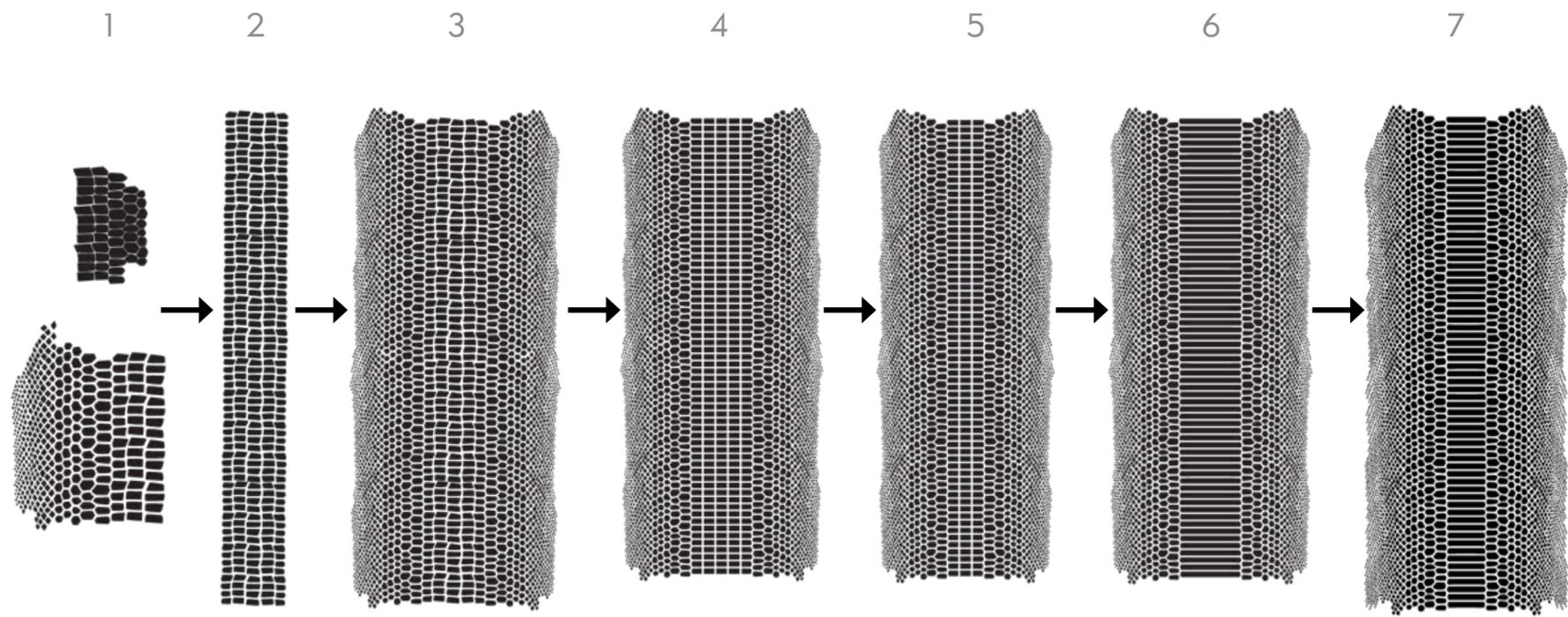
Extreme oversized wrap around snake scale

Techniques:
- Birdseye jacquard no texture or layers
- Overlapping layers of jersey stitch scales

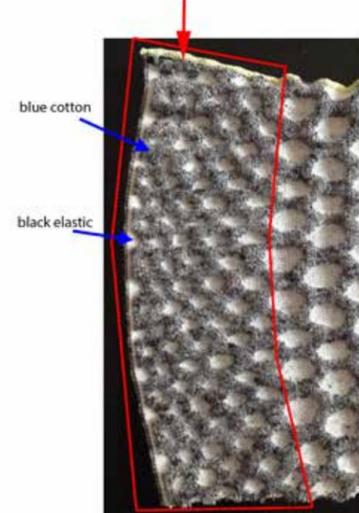


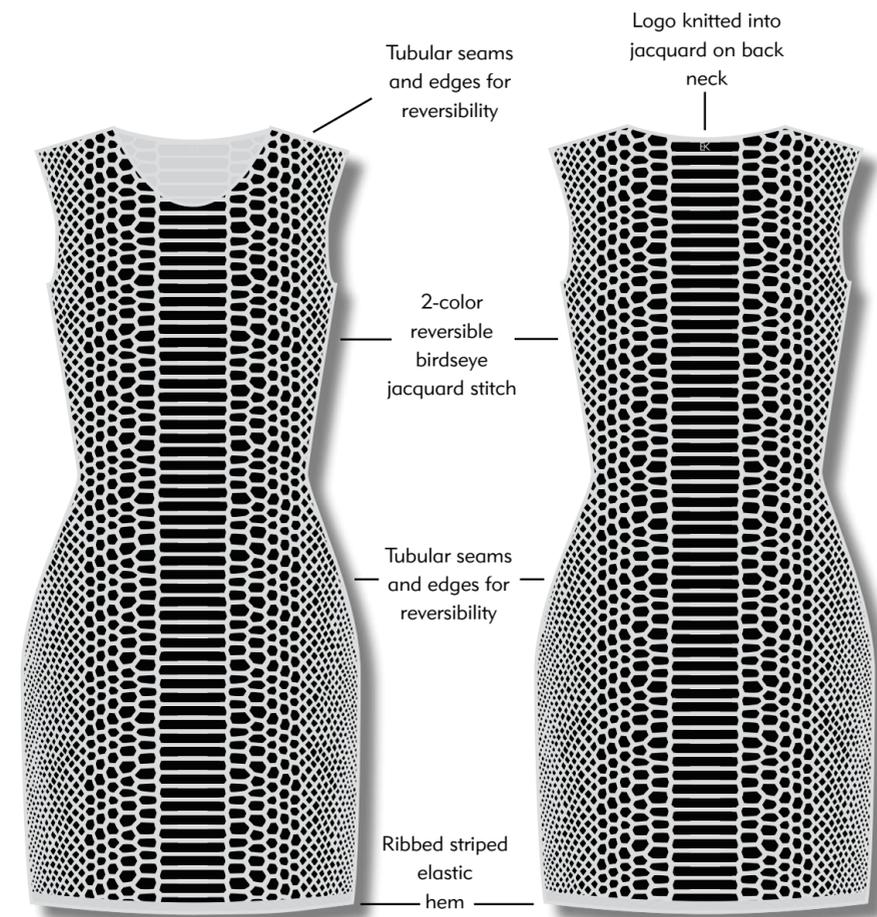
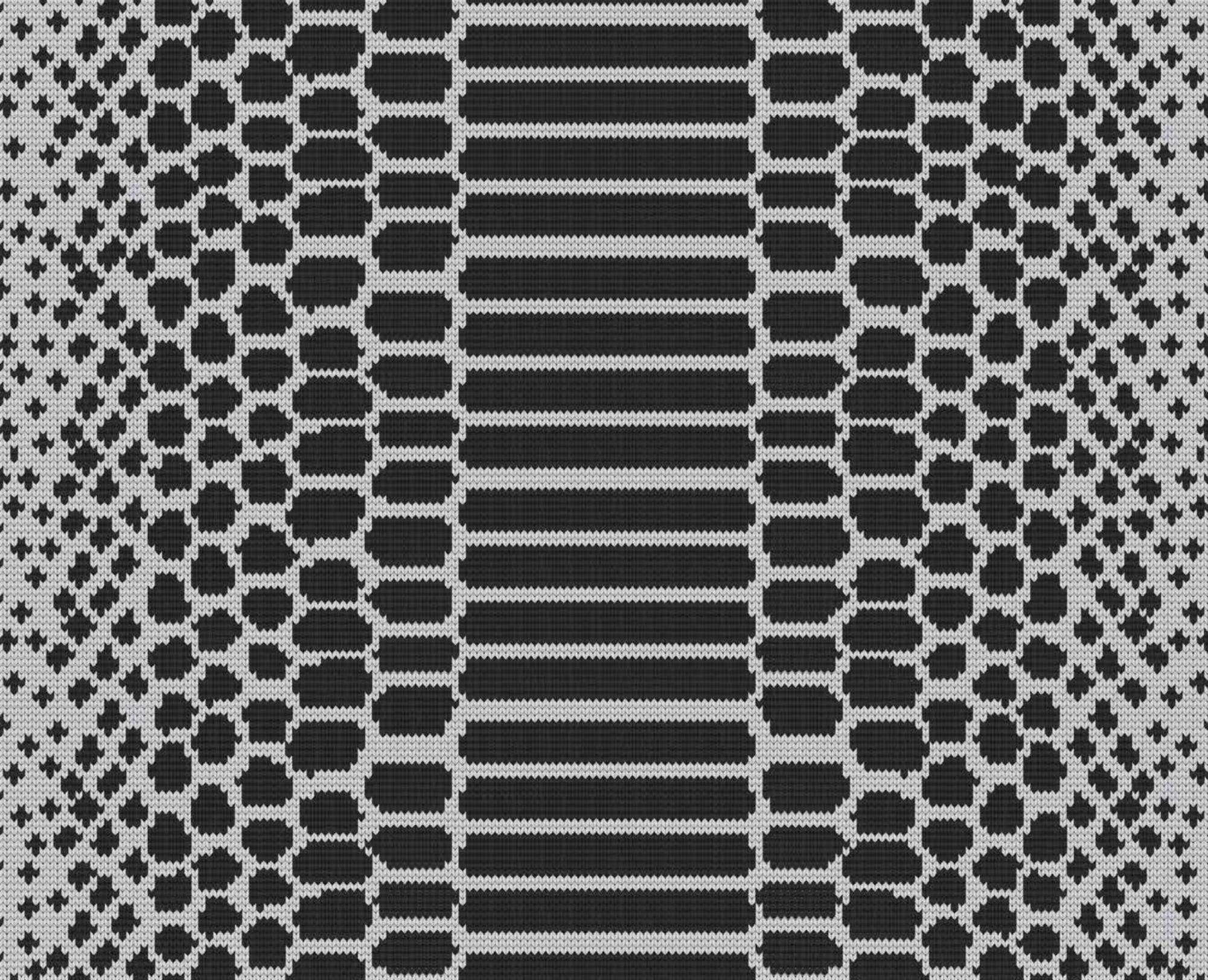
Techniques:
- Birdseye jacquard no texture or layers
- Overlapping layers of jersey stitch scales

Oversized Snake Scales

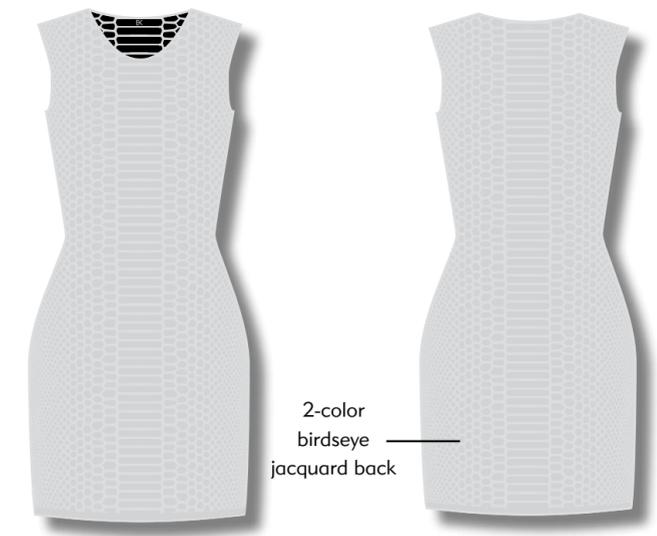


A4 size swatch (8"x11") 14GG
blue cotton & black elastic (or white elastic if no black)
Just the small pattern

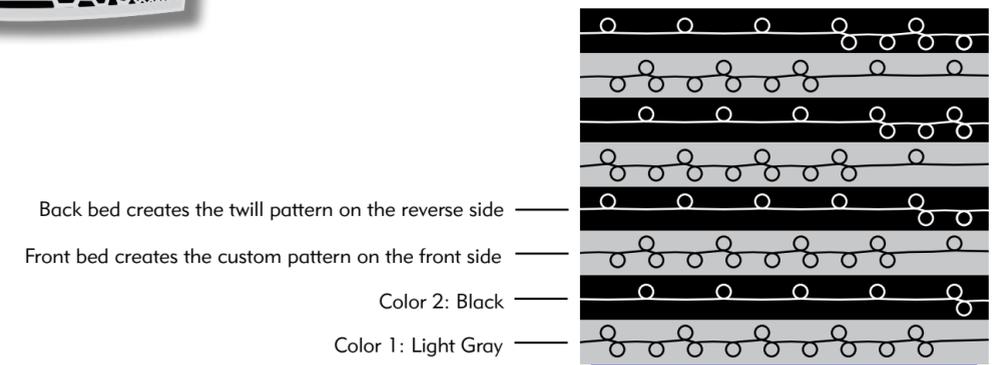


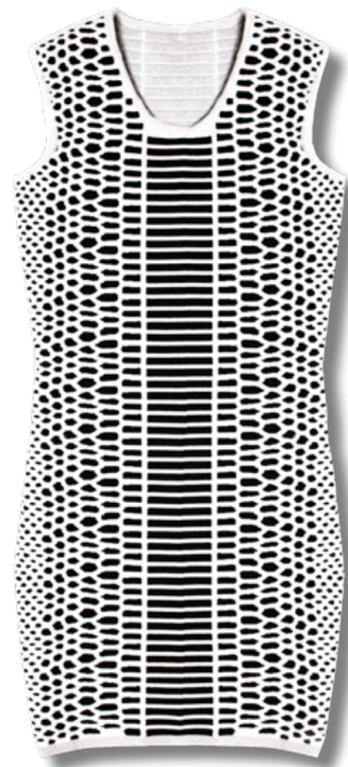


REVERSE SIDE



TECHNICAL STITCH VIEW





REVERSIBLE



This dress was knitted in a 2-color birdseye jacquard structure. When knitted, the black elastic yarn condenses the stitches creating concave shapes, while the wool/cotton fiber creates convex shapes, resulting in dimension and structure.

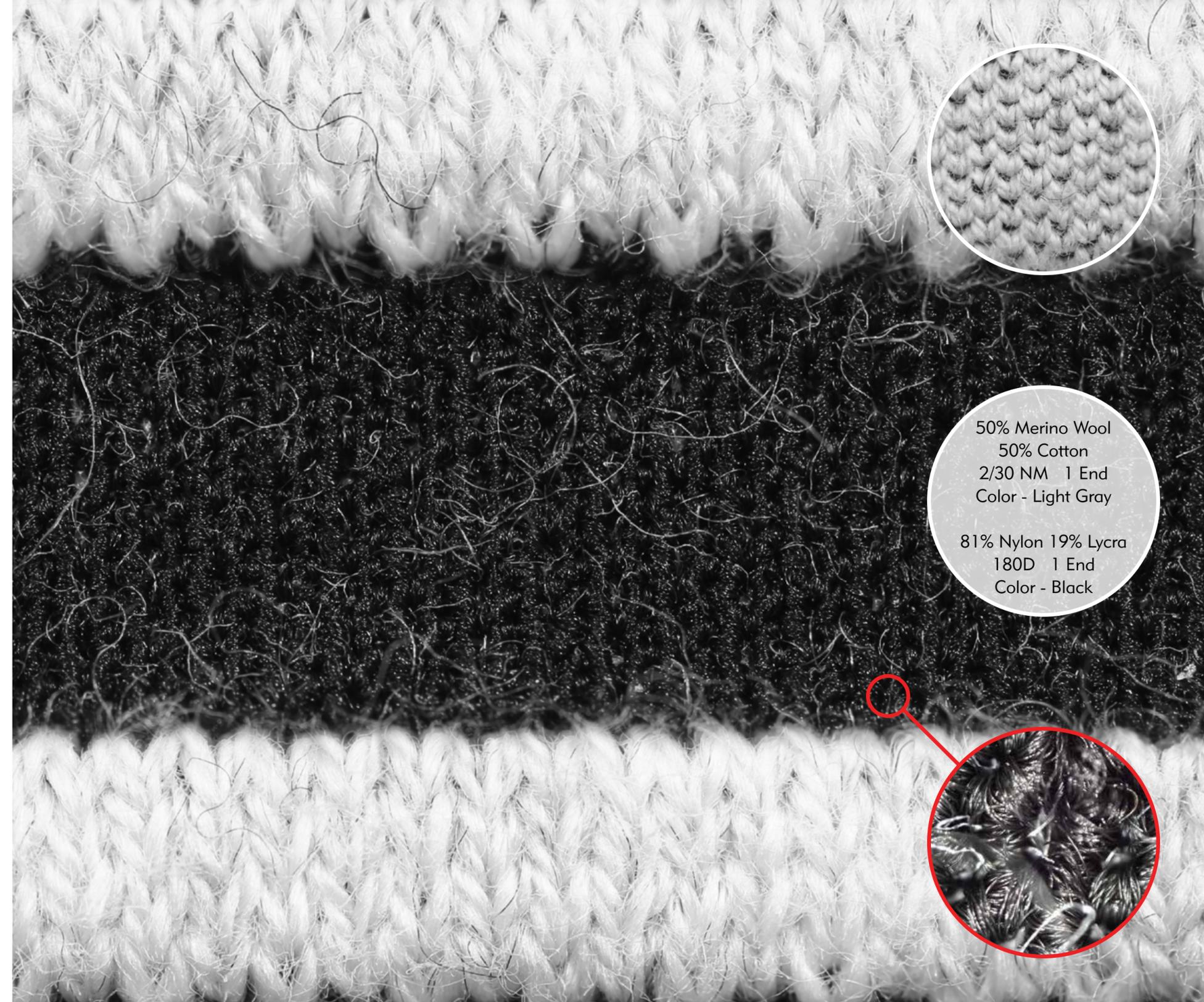
The alternating black elastic stitches on the backside are hidden by the protruding light gray stitches, causing the backside to appear as a solid light gray color from a distance.

This stitch creates a solid foundation for exploration of reversible garments.



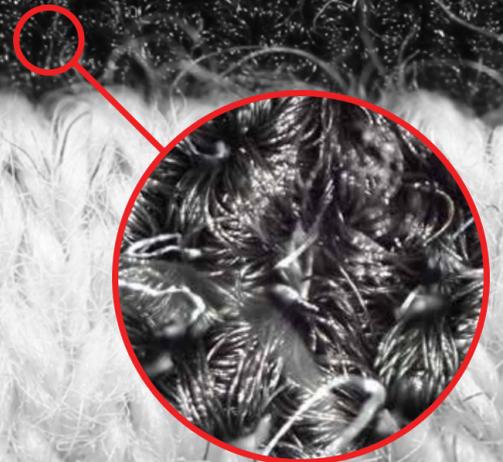
Techniques:

- Reversible Birdseye Jacquard
- Elastic yarn for jacquard pattern texture, bodycon fit, and structure
- 2 Color Pattern
- Full-Fashioning
- Tubular Armhole and Neck Seams



50% Merino Wool
 50% Cotton
 2/30 NM 1 End
 Color - Light Gray

81% Nylon 19% Lycra
 180D 1 End
 Color - Black



Reptile

EK002

DESCRIPTION: Body-Con Dress

CONTENT: 50% MERINO WOOL 50% COTTON 2/30 NM 1 END

81% NYLON 19% LYCRA 180 D 1 END

COUNT/ENDS:

GG: 14 GG

STITCH: 2 COLOR BIRDSEYE JACQUARD



TRIMS: ARMHOLE/NECK - TUBULAR, HEM - STRIPED RIB

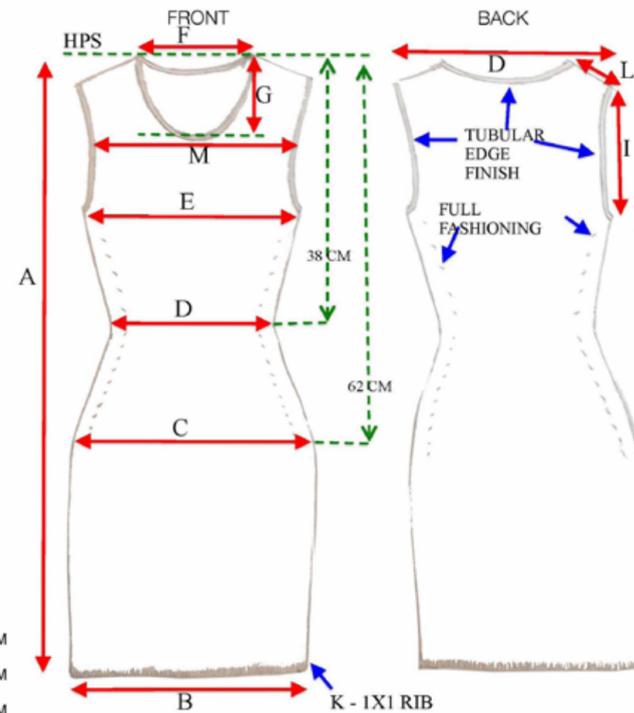
COLOR: 50% Merino Wool 50% Cotton 2/30NM 1 End GREY #13WM8

81% Nylon 19% Lycra 180D 1 End BLACK #NC199

NOTES:

Reptile

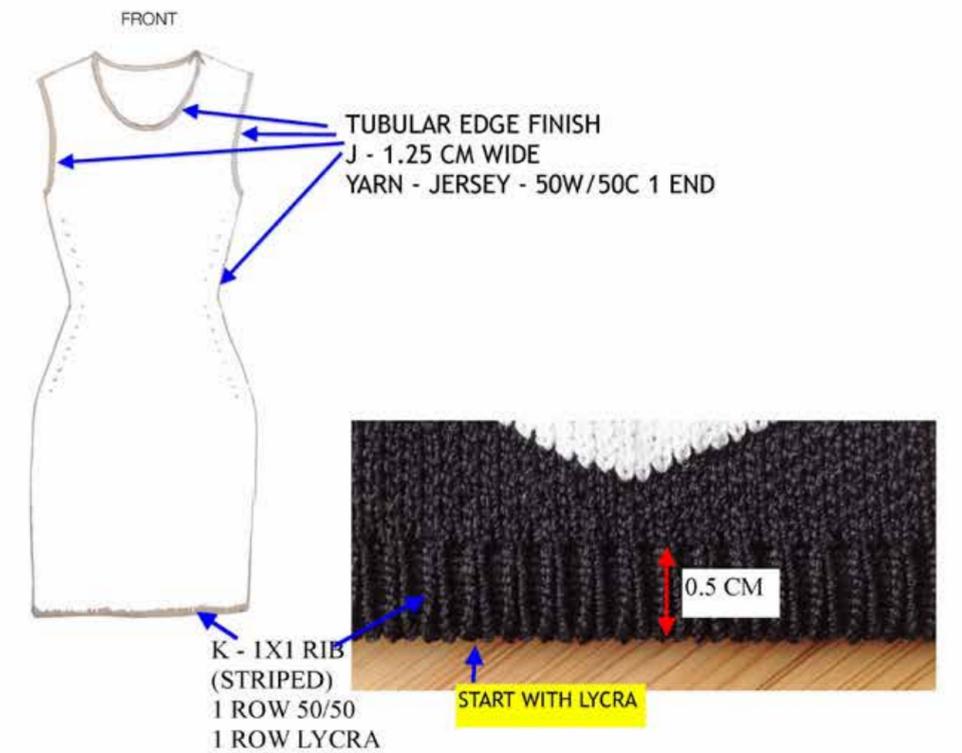
EK002



A	LENGTH	83 CM
B	BOTTOM WIDTH	36 CM
C	HIP WIDTH	38 CM
D	WAIST WIDTH	30.5 CM
E	CHEST WIDTH	36 CM
F	NECK WIDTH	14 CM
G	FRONT NECK DROP	11 CM
H	BACK NECK DROP	2 CM
I	ARMHOLE HEIGHT STRAIGHT	14 CM
J	TUBULAR SEAM WIDTH	1.25 CM
K	BOTTOM START HEIGHT (1X1 RIB)	0.5 CM
L	SHOULDER WIDTH	12 CM
M	ACROSS CHEST (12 CM BELOW HPS)	31 CM

Reptile

EK002



R e v e r s i b l e



The right knit stitches create a great foundation for reversible garments. There are so many great stitches that are clean, but different, on the front and back sides. It just takes some thoughtful finishing details, like tubular seams, to make the whole piece reversible.

Knitted fabric does not always come out of the machine perfect. Sometimes there are mistakes or imperfect stitches. On a regular garment, oftentimes, the inside of the garment is used to hide these small mistakes.

On a reversible garment, it is more difficult, as you don't have the inside of the garment to hide these imperfections. Double-bed stitches, like birdseye jacquard, offer the inside of the fabric, between the front and back beds, a place to hide any imperfections in the knitting.



This is an assortment of places this dress has made a cameo. Because of it's high contrast pattern, it is visually eye-catching and great for photos.

Starting from the left moving clockwise: an editorial, the DAFF fashion show, the style section of That's Shanghai Magazine, an article in Modern Lady Magazine (now InStyle Magazine), and on the cover of Urban Family Magazine.

These images showcase the dress's distinct, yet versatile character.



无论是在将科技与最前沿潮流融合，创造限量产品的独一无二，还是使用创新型布料节约顾客时间，智能科技和智能服装都会发展壮大。

在智能、时尚和实用性都重要，接下来就是这些想法融合我的品牌观。” KLEVERITY联合创始人兼CEO Paolo Zamboni如是说。

最新设计品牌KLEVERITY Family Kettle 是一个以设计为导向的品牌，旨在以设计为导向，我们的目标是设计科技和实用的服装，同时也能理解顾客对我们的理念。在这个快节奏的时代，我希望“设计的巧性并快速”而为人人，KLEVERITY 这个品牌可以理解为“高品质”品牌，我们专注于设计科技和实用的服装，同时也能理解顾客对我们的理念。在这个快节奏的时代，我希望“设计的巧性并快速”而为人人，KLEVERITY 这个品牌可以理解为“高品质”品牌，我们专注于设计科技和实用的服装，同时也能理解顾客对我们的理念。



We worked with boutiques across Shanghai, like Covetry in Takashimaya department store, Yours Life Shop on Julu Road, Madame Mao's Dowry on Fumin Road, and Mode In Asia on Xinle Road. We also had an online presence with Taobao, Bundshop, and Sugarlady.

Pieces were priced between 300 RMB and 1,000 RMB (45-145 USD). By working with small boutiques, we were able to get customer feedback from shop owners, and were able to adjust our products accordingly.





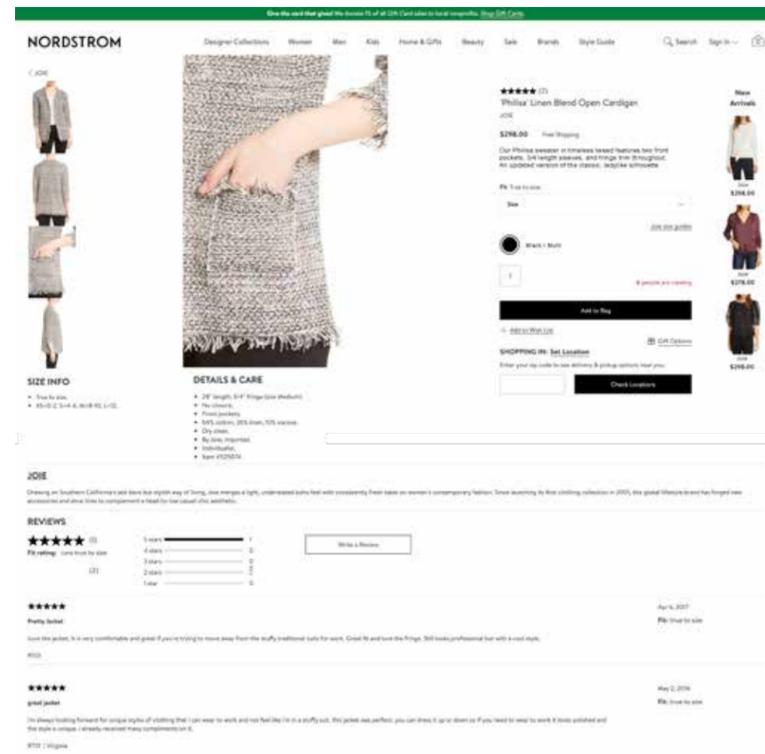
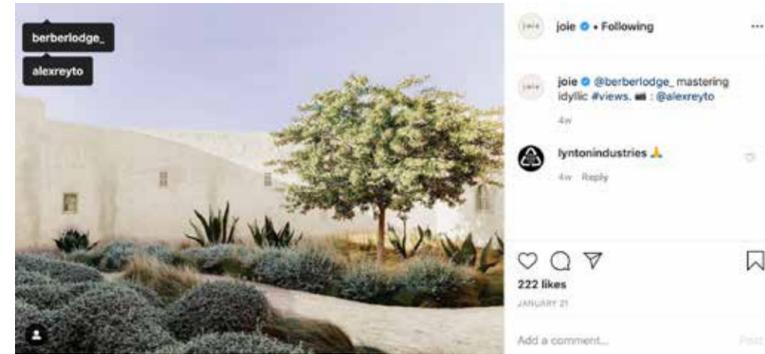
DZ GROUP





I worked with the Joie designers to create this tweed-inspired stitch for this casual cardigan.

We explored the trompe-l'œil concept of knit structures that look like wovens. An alternate french terry stitch with fringe trim was used.



100% Cotton
1/3.6 NM 1 End
Color - Natural

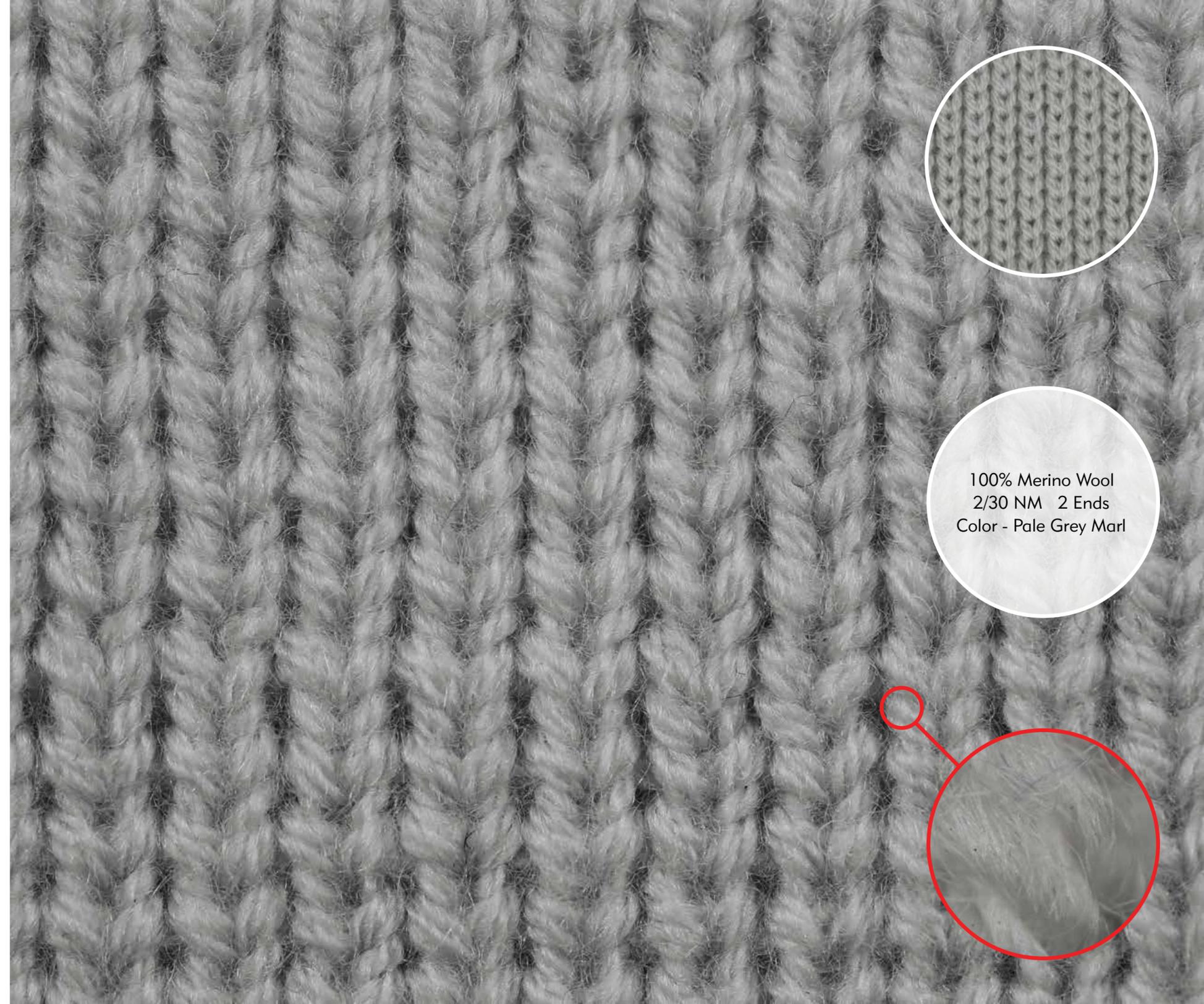
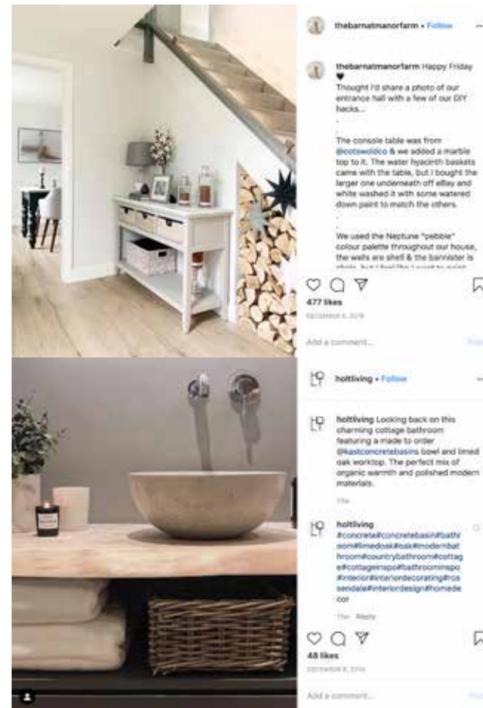
70% Linen 30% Rayon
1/27 NM 2 Ends
Color - Variegated
Neutrals





A coat-alternative cardigan in 50% merino wool 50% cotton. The half-milano stitch gives it a slightly structured shape.

I supported TWC's designer and offered suggestions to streamline the development process.



100% Merino Wool
2/30 NM 2 Ends
Color - Pale Grey Marl



A traditional cable style done in a chunky 5 gauge. 100% merino wool in a relaxed straight fit with ribbed hems. I offered the Joie designers support when placing an order with us and our factories. I liaise between the brand designer and the factory technician to streamline the development process.

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Valentine's Day & Friday, February 14, Weekend's Day Gifts

Joie

★★★★ (7)

"Greer" Cable Knit Merino Wool Sweater

SKU: 2298.00 Free Shipping

Cable-knit stripes add soft texture to a merino wool sweater. Crew neckline. Ribbed edges. Long sleeves.

Fit: True to size

Material: Merino Wool

Details & Care: Merino Wool

Size Info: True to size. XS, S, M, L, XL, 2XL, 3XL

Reviews: 7 stars, 4 stars, 3 stars, 2 stars, 1 star

fluff_cycle • Follow
Bubble and Squeak on Willow Street

fluff_cycle Clean, warm laundry is the best laundry...
@pinkpigletpuppy your laundry is ready! - Piglet is a deaf and blind rescue pup. He's an inspiration to us all. ❤️
#laundryday #doublemerle #puppymillsurvivor #dachshund #doptdntshop #rescuedogrock #deafdog #blinddog #fluffcycle #cleanclothes #cozysweater

192 likes
JULY 18, 2018



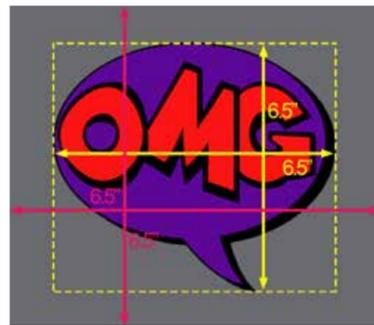
100% Merino Wool
2/30 NM 5 Ends
Color - Cream



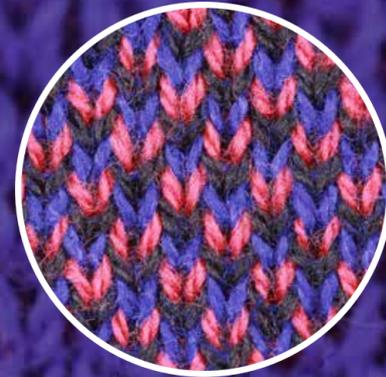


Charts: We like below, but would like to make the 3b outline on letters thinner

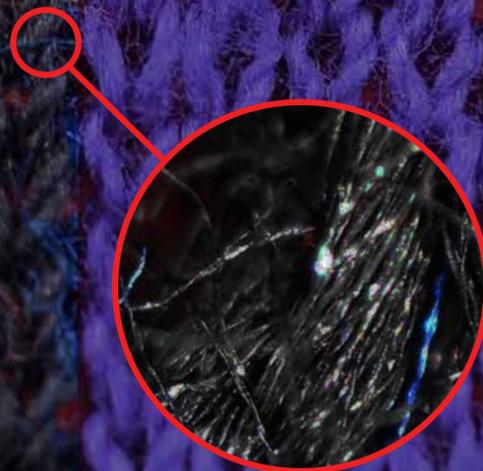
Colors: white letters
green bubble
black outline/shading



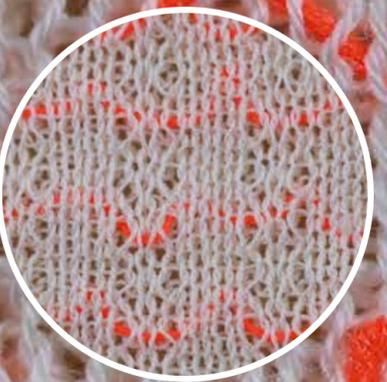
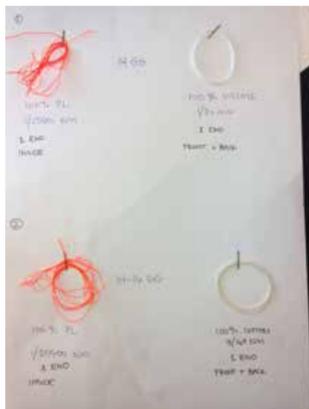
This is a 4-color birdseye jacquard knit pattern repeat for Aqua by Bloomingdale's. I collaborated with the Bloomingdale's designer to visualize their concept for this sweater using Ned Graphics Easy Knit to render the artwork and pattern.



100% Cotton
30/2s 1 End each color
Colors - Black, Purple, Red

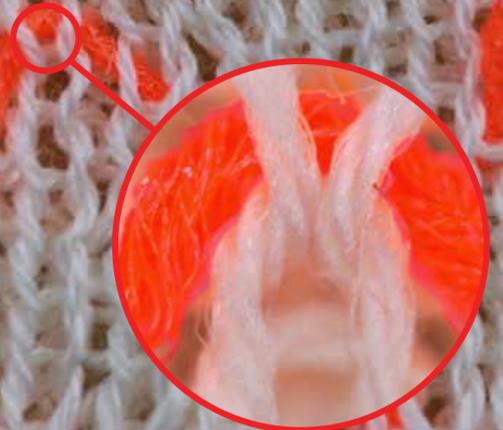


I developed many knit structures for our in-house luxury cashmere brand, Duffy.



100% Cotton
3/169 NM 1 End
Color - Cream

100% Polyamide
1/255 NM 1 End
Color - Neon Orange



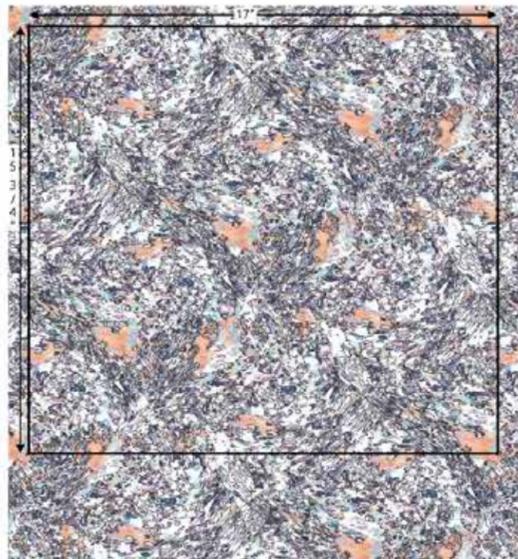
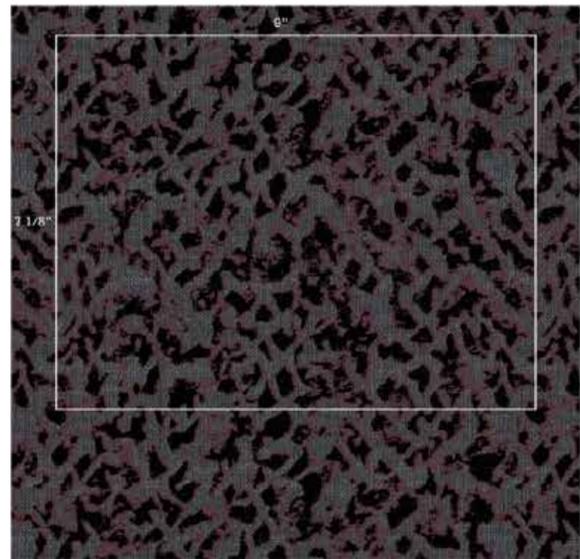
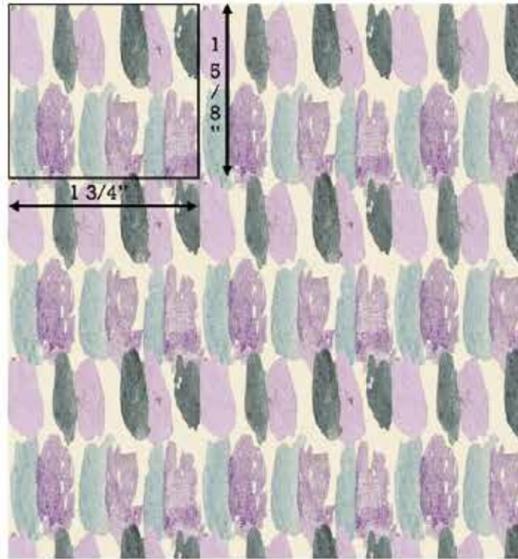
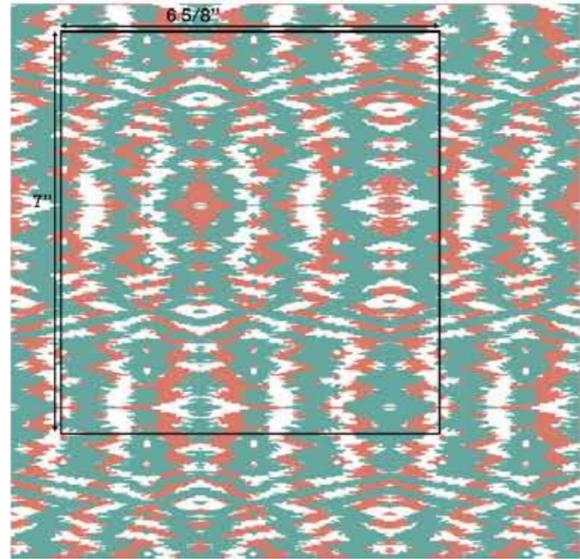


All swatches were developed by knit machine.

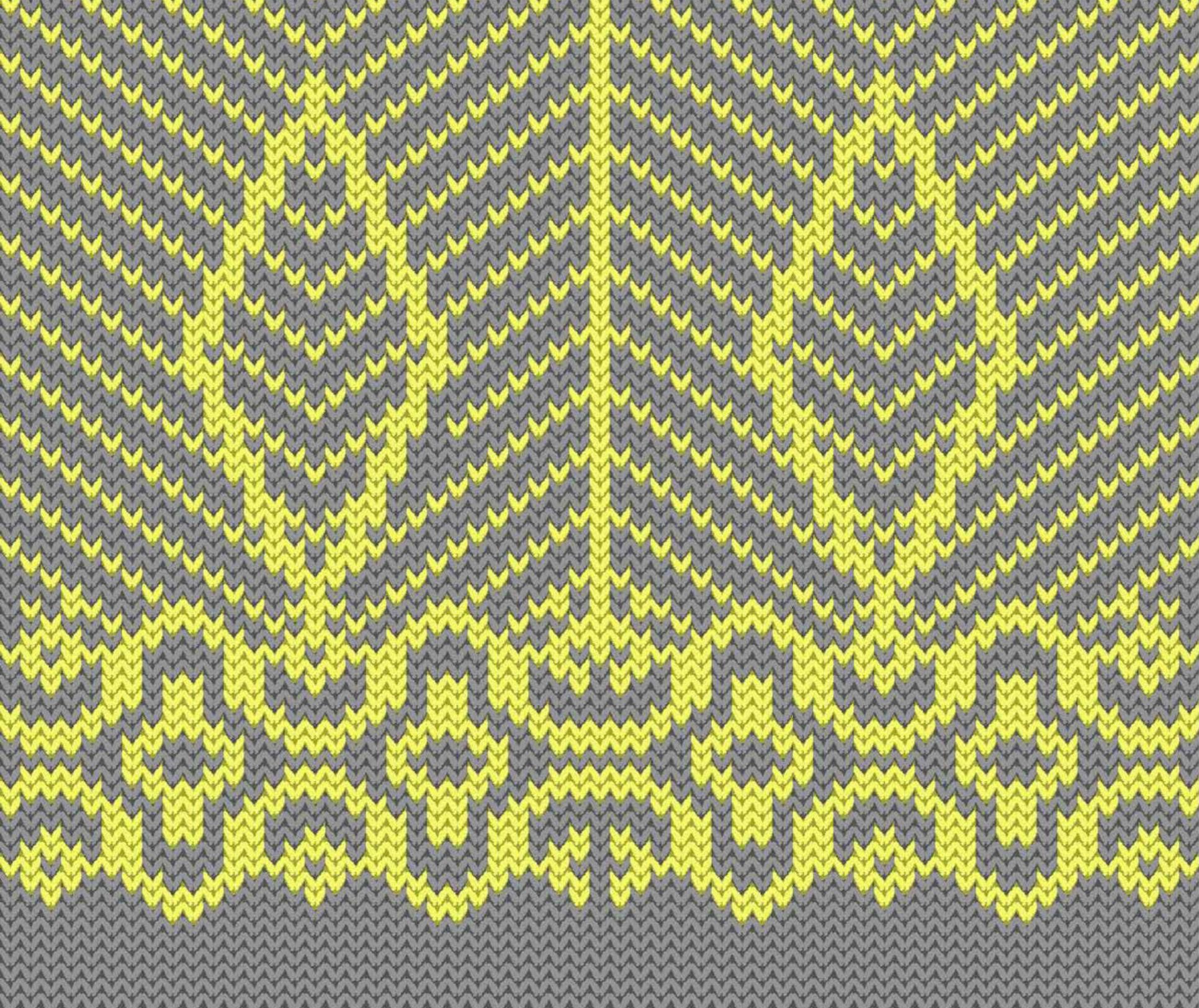


I take any concept and translate it into a knitted fabric.

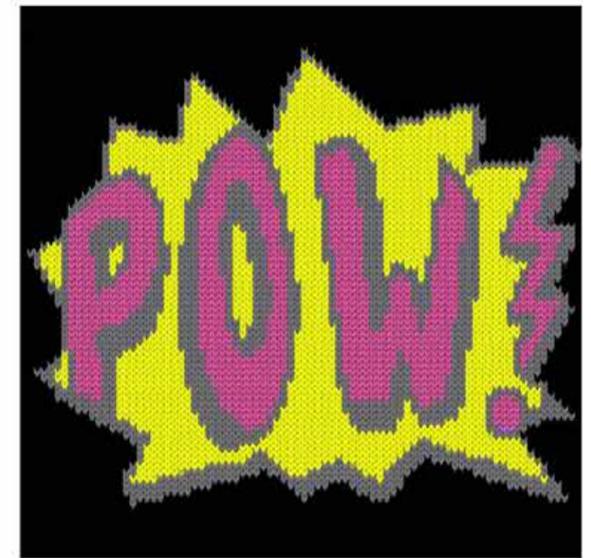
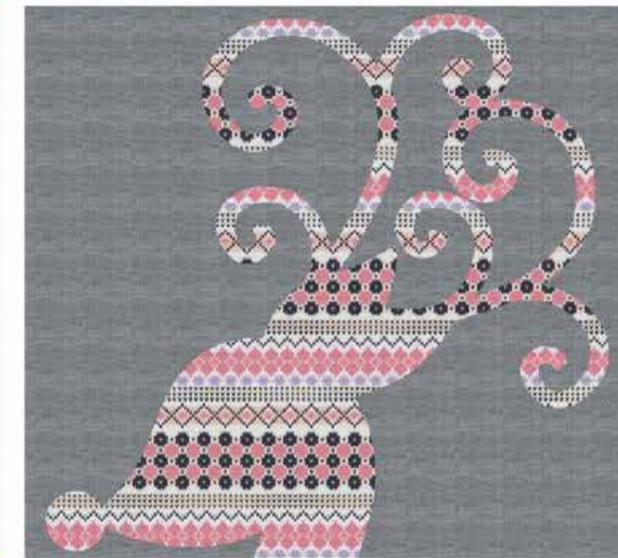
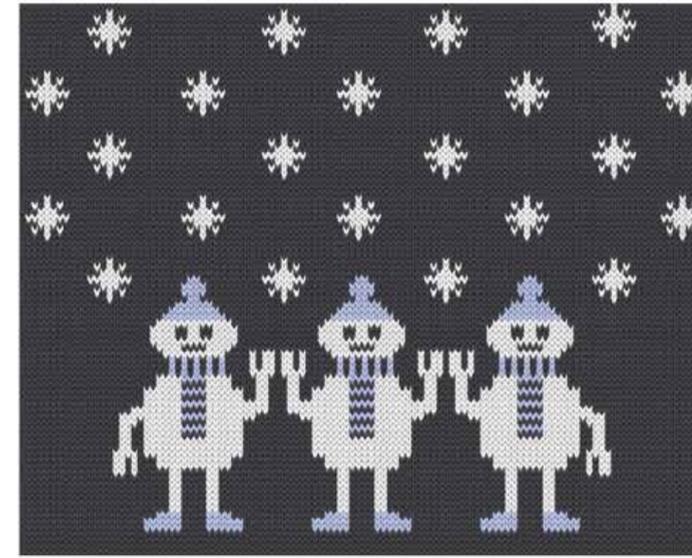
All prints were developed in Adobe Photoshop and Illustrator.



Collaborating with a diverse range of brands' designers through private label, these patterns were developed for knitted garments that are on brand, on trend, and on price for each respective label.

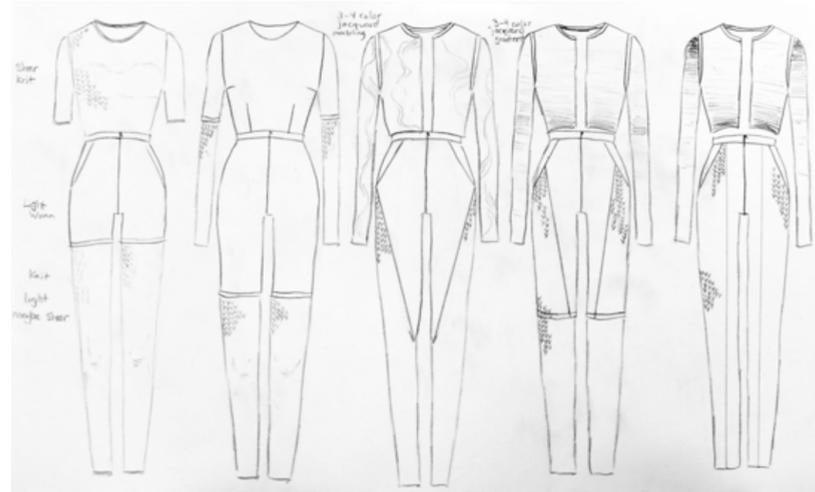


All patterns were developed in Ned Graphics Easy Knit.



These renderings were developed for knitted garments for various brands. I supported many different design teams with unique needs and requirements, offering design solutions to expedite their development process.

All hand sketches were done with pencil. The color sketches were done with pen and marker.

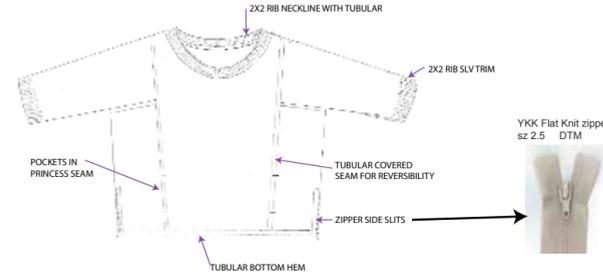


LULULEMON FALL '13

STYLE #: LL001
REVERSIBLE

YARNS: 50% COTTON/50% WOOL 2/30 NM 2 ENDS

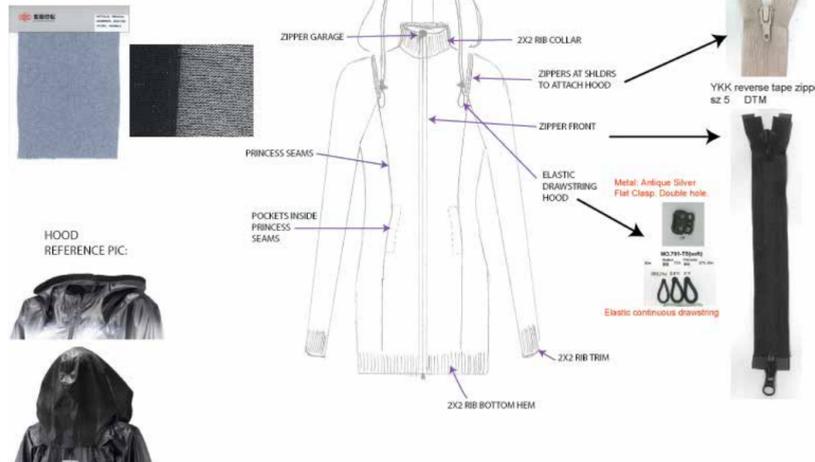
STITCH: FRENCH TERRY
9GG



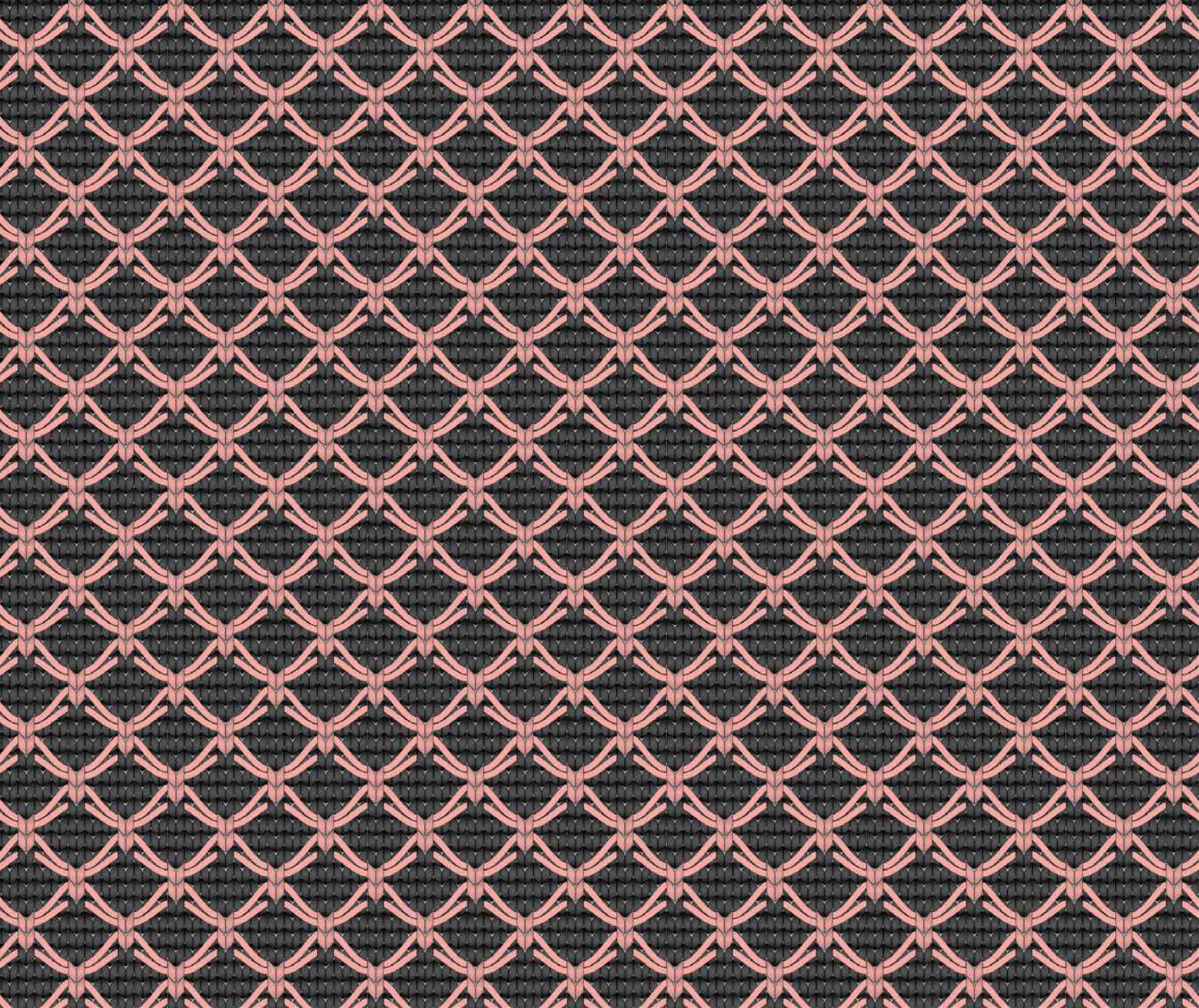
LULULEMON FALL '13

STYLE #: LL005

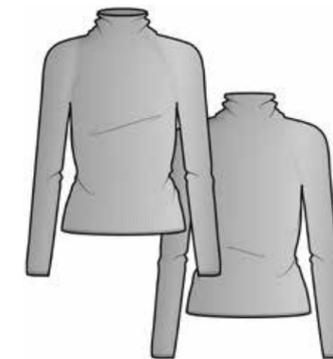
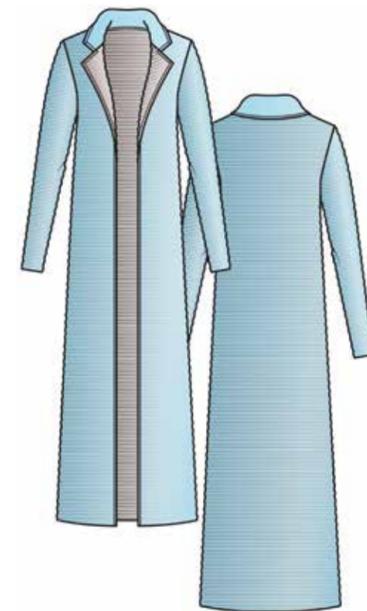
YARNS: 85% COTTON/15% WOOL
50% COOLMAX/50% MODAL
STITCH: PLATED JERSEY



Hand sketches done as flats with technical information, or on figures to communicate emotion, movement, depth, and aesthetic.



All CAD's were done in Adobe Illustrator.



The vector garment shape and finishing details are created in Illustrator. Stitch renderings can also be done in Illustrator, as shown on the left page. Prints and patterns, if done from scratch are also done in Illustrator. If the pattern comes from a clear image, it is developed, repeated, and recolored in Photoshop.



STOLL



Trend Collection AW 12/13
流行款式集锦

Re-Think
重译

The thought of reusing “refuse” and sustainable yarns is being integrated into knitwear. New resources from plant fibers as well as natural dying features are being explored. Alternative solutions show the way to combine these elements in an innovative and sophisticated way.

The colours range from earthy stone greys to warm purple and violet, while black and crème are a neutralizing go-between.

Starting from materials like stone, glass and plastic, natural optics and transparent features have been integrated into the collection. Transparency and layering techniques are important themes as well as the clean black and white group that is a graphic statement of modernity.

3D effects have been realized by intarsia technique as well as racking structures. Knitted woven optics flow through the collection and show how the re-thinking of materials is mainly used in fabrics. Traditional patterns, such as variations of the classic “houndstooth” in jacquards are examples of symbolic re-use in garments.

Knitting technology and handmade elements work together while applications become the base structure and are completed by macramé elements.



New resources
Alternative energy
Waste & innovation
Plastic as material 塑料材质
Synthetic, reused 合成再生的
PET recycled yarns PET纱线



Color Mood 色彩意境
Grays, Purples
Energy & Earth
Contrast Hot & Cold





I am passionate about knitwear and hope to bring that to your design team.

[Please contact me here.](#)

I look forward to hearing from you.

Emily Keller
Knitwear Designer