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Types of sponges, semi-finished products & the order lots

1

SOFT	MEDIUM	HARD	WHITE
S	M	H	W



CC : Cell / Cell	Jersey can be laminated on both side			
1CC	4 Pieces		4 Pieces	4 Pieces
1.5CC	2 Pieces		2 Pieces	2 Pieces
2CC	2 Pieces		2 Pieces	2 Pieces
2.5CC	2 Pieces		2 Pieces	2 Pieces
3CC	1 Piece		1 Piece	1 Piece
3.5CC	1 Piece		1 Piece	
4CC	1 Piece		1 Piece	1 Piece
4.5CC		1 Piece		
5CC	1 Piece		1 Piece	1 Piece
6CC			1 Piece	
10CC			1 Piece	

FC : Skin / Cell	Jersey can be laminated on cell side			
1.5FC	1 Piece		1 Piece	
2FC	1 Piece	1 Piece	1 Piece	
3FC	1 Piece	1 Piece	1 Piece	
4FC	1 Piece			
5FC	1 Piece		1 Piece	
6.5FC	1 Piece		1 Piece	
8FC			1 Piece	

MC : Mesh skin / Cell	Jersey can be laminated on cell side			
1.5MC	1 Piece			
2MC	1 Piece			
3MC	1 Piece			
4MC	1 Piece			
5MC	1 Piece		1 Piece	

Semi-finished product BRFC : BR Coating / Cell	Jersey can be laminated on cell side			
1.5BRFC	1 Piece			
2BRFC	1 Piece			
3BRFC	1 Piece		1 Piece	
5BRFC			1 Piece	

Semi-finished product RSFC : RS Coating / Cell	Jersey can be laminated on cell side			
3RSFC	1 Piece		1 Piece	
5RSFC	1 Piece		1 Piece	
6.5RSFC			1 Piece	

Semi-finished product : Jersey / Cell	Jersey can be laminated on cell side			
A1CC PS Black	1 Piece	S2CC NB Black(A)	1 Piece	
S2CC NL Black(A)	1 Piece	S3CC NB Black(A)	1 Piece	
S3CC NL Black(A)	1 Piece	S2CC PS Black(A)	1 Piece	
S2CC ASH Peach(A)	1 Piece	S3CC PS Black(A)	1 Piece	
S3CC ASH Peach(A)	1 Piece	S2CC BM Black(A)	1 Piece	

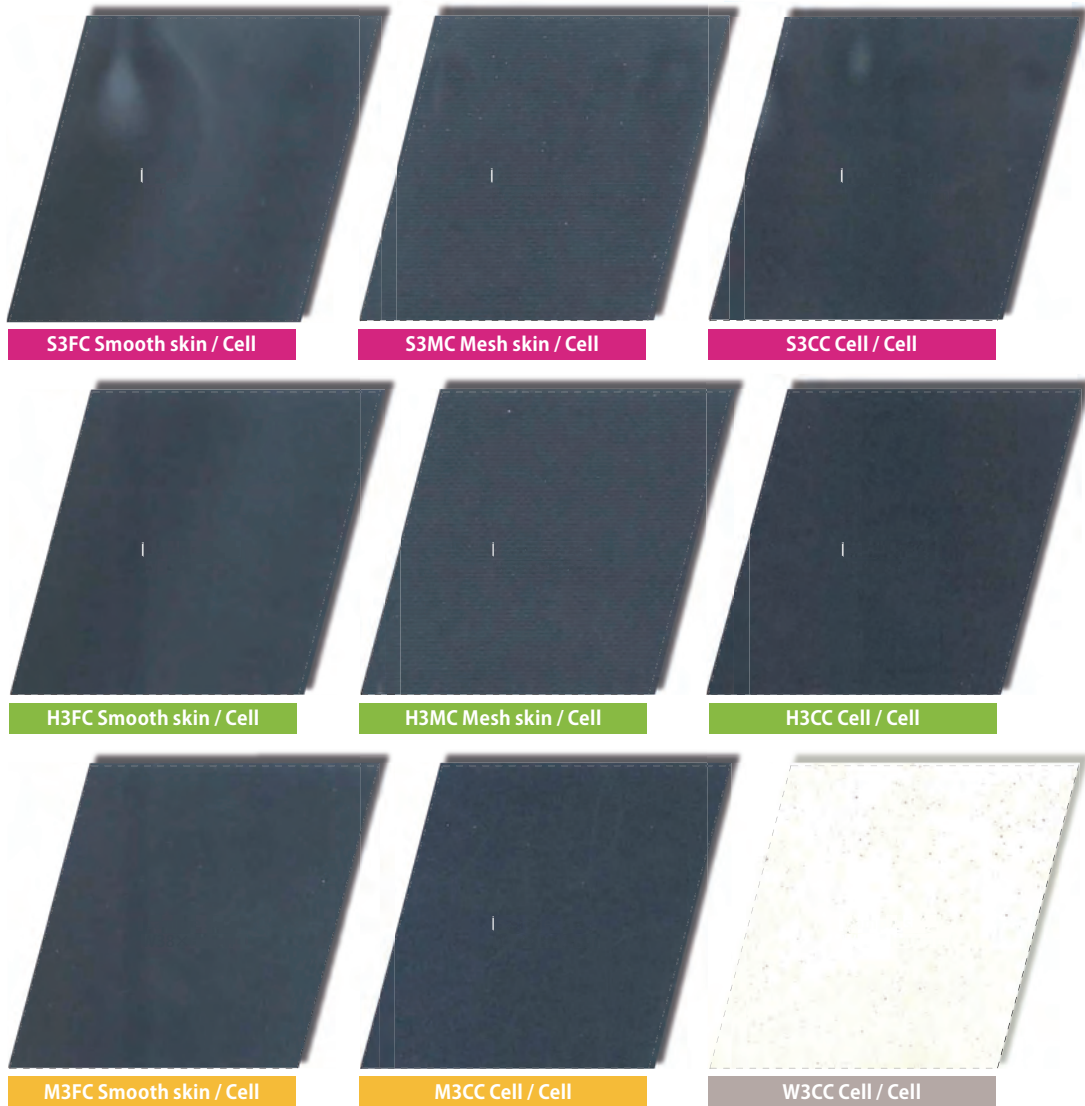
We cannot accept sponges and thicknesses not listed above. Please contact us for details.





About NO AQUA Mark

For medium and hard type, only solvent laminating is available while aqueous laminating is not available.

sponge sample & physical properties



The above samples are excerpted from our stock.
Please check ▶ P.1 [sponge semifinished products] table for all types & thickness.

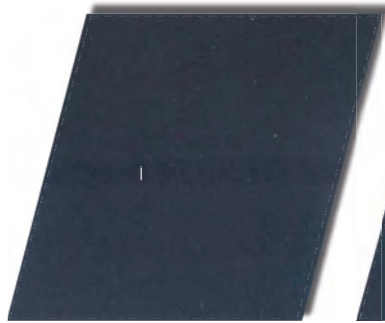
Type of Sponges	SOFT		MEDIUM		HARD		WHITE		
	S		M 		H 		W		
Style	F/C	C/C	F/C	C/C	F/C	C/C	F/C	C/C	
Apparent Specificgravity (g/cm ³)	0.205	0.177	0.266	0.22	0.279	0.225	0.259	0.204	
Hardness (csc2)	32	28	39	33	41	35	35	30	
Tensile Strength (kgf/cm ²)	6.20	5.65	8.44	6.71	10.04	8.12	6.18	4.78	
Elongation (%)	580	528	654	620	628	590	454	424	
Tensile Stress (kgf/cm ²)	M50	0.28	0.23	0.32	0.23	0.38	0.30	0.32	0.19
	M100	0.61	0.53	0.69	0.51	0.90	0.72	0.76	0.54
	M150	0.96	0.87	1.08	0.83	1.44	1.20	1.26	0.97
	M200	1.34	1.29	1.52	1.19	1.98	1.69	1.90	1.57
Tear strength (kgf/cm)	2.12	1.68	2.76	2.22	3.12	2.40	2.10	1.62	

*Those figures are reference value as guide.
Please note we can't guarantee those figures as CR properties may change, depending on the aged deterioration or used conditions.

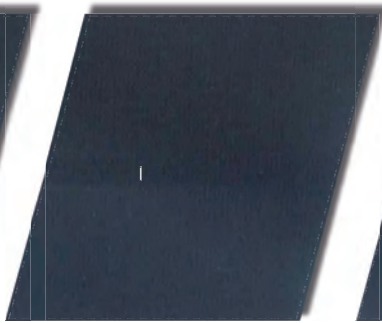
*For medium and hard type, only solvent laminating is available while aqueous laminating is not available.

Semi-finished product samples

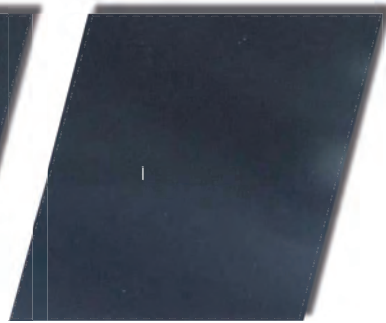
3



A1CC PS Black



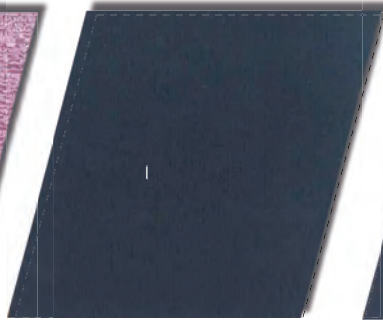
S2CC PS Black(A)



S2CC BM Black(A)



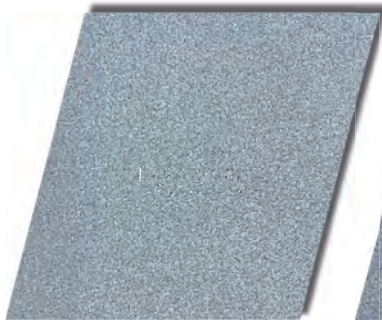
S2CC ASH Peach(A)



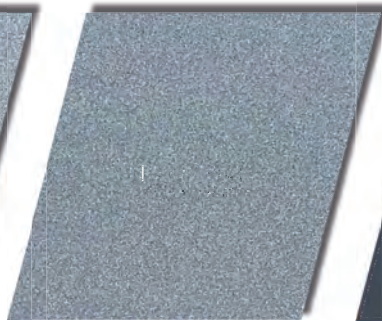
S2CC NB Black(A)



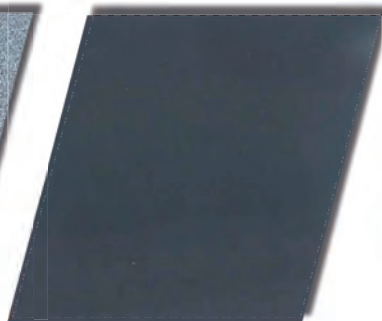
S2CC NL Black(A)



S3RSFC



H3RSFC



S3BRFC



H3BRFC

The above samples are excerpted from our stock.
please check ▶P.1 [sponge semi-finished products]
table for all types&thickness.

(A):Aqueous pasting

What is a semi finished product?

In stock with jersey on one side or RS/BR coating processed in advance.

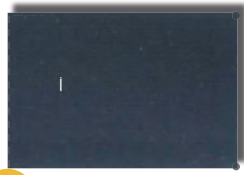
BY specifying this and placing the order, you can reduce the order lot and shorten the delivery time.

Jersey

GN

GIGA NESL

Vertical elongation rate	Horizontal elongation rate
320%	700%
Mixed rate	
Nylon 87%	
Polyurethane 13%	



2023
NEW

GN Black

feature

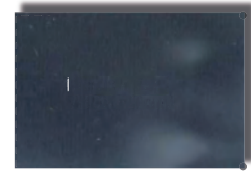
Nylon high stretch jersey with unique moist feeling and comfortable feel.

NB



NESL B

Vertical elongation rate	Horizontal elongation rate
400%	440%
Mixed rate	
Nylon 81%	
Polyurethane 19%	



NB Black

feature

It is excellent elasticity, shrinkage and texture, nylon high stretch jersey suitable for lining.

4

AFL



AIR FLAME LEGACY

Vertical elongation rate	Horizontal elongation rate
340%	440%
Mixed rate	
Polyester hollow fiber 42.1%	
Polyester 29%	
Cupra 19.2%	
Polyurethane 9.7%	



2023
NEW

AFL Wine

feature

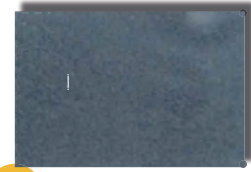
Superme brushed material having both endothermic and stretching heat generation, with heat storage function.

DMR



DRY MAX R

Vertical elongation rate	Horizontal elongation rate
200%	500%
Mixed rate	
Polyester hollow fiber 49.2%	
Recycled polyester 41.2%	
polyurethane 9.6%	



2023
NEW

DMR Forest

feature

Mixed with recycled polyester(ECO BLUE®), ecological brushed material with excellent quick drying.

CRL



CURL

Vertical elongation rate	Horizontal elongation rate
290%	370%
Mixed rate	
Polyester 92.4%	
Polyurethane 7.6%	



CRL Cheese

feature

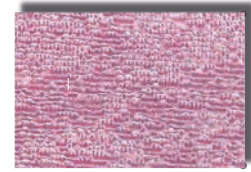
Heat-retaining material made from brushed polyester hollow fiber, which has stretchability and is suitable for lining.

ASH



AIR SHOOT

Vertical elongation rate	Horizontal elongation rate
420%	560%
Mixed rate	
Polyester hollow fiber 41.9%	
Nylon 40.9%	
Polyurethane 17.2%	



ASH Peach

feature

Short pile fabric with good elongation, quick drying and durability.

Jersey

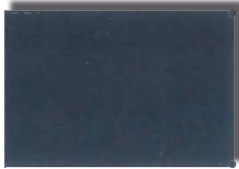
NL

NESL

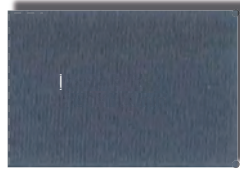
Vertical elongation rate	Horizontal elongation rate
330%	540%
Mixed rate	
Nylon 85.1%	Polyurethane 14.9%

feature

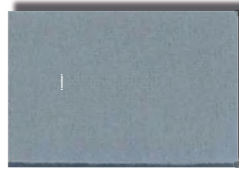
High stretch nylon jersey with excellent feel & stretchability.



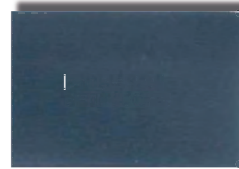
NL Black



NL Dark Grey



NL SK Grey



NL Slate



NL Navy



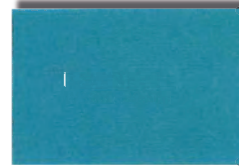
NL Royal



NL Blue



NL Aqua Blue

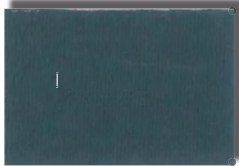


NL Turquoise



NL Green

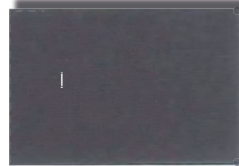
2023 NEW



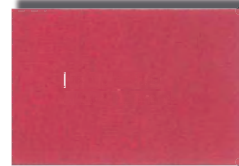
NL Dark Green



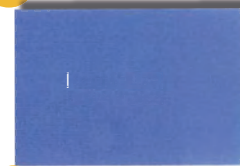
NL Olive



NL Mud

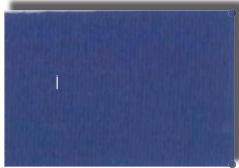


NL Red



NL Lavender

2023 NEW



NL Grape

2023 NEW



NL Mulberry

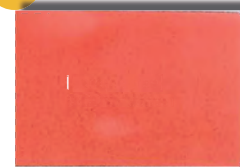


NL Wine

2023 NEW



NL Violet



NL Orange

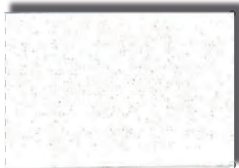
NLE

NESL E

Vertical elongation rate	Horizontal elongation rate
300%	400%
Mixed rate	
Polyester 87.9%	Polyurethane 12.1%

feature

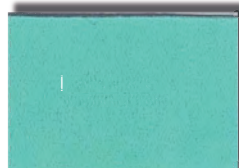
Polyester type of NESL.



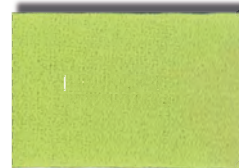
NLE White



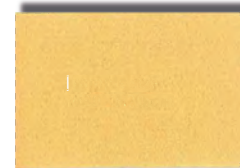
NLE Ice Blue



NLE Pistachio



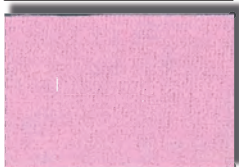
NLE Lime



NLE YJ

2023 NEW

2023 NEW



NLE Baby Pink

2023 NEW

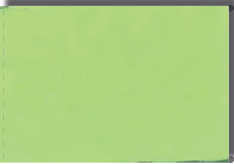
Jersey

NLK

NESL K

Vertical elongation rate	Horizontal elongation rate
290%	420%
Mixed rate	
Polyester 87.9%	
Polyurethane 12.1%	

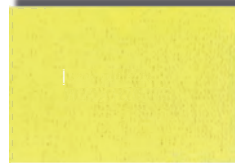
feature Polyester type of NESL.



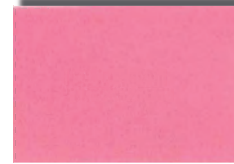
NLKK Green



NLKK Orange



NLKK Yellow



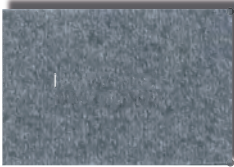
NLKK Pink

NLM

NESL MELANGE

Vertical elongation rate	Horizontal elongation rate
440%	540%
Mixed rate	
Polyester 85.5%	
Polyurethane 14.5%	

feature High stretch melange print jersey using cation-tingible polyester and regular polyester.



NLM Black



2023 NEW

NLM Navy



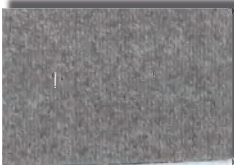
NLM Blue

2023 NEW

NLM Green

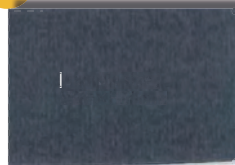


NLM Red



2023 NEW

NLM Mud



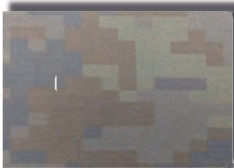
NLM Ash

PT

PRINT

Vertical elongation rate	Horizontal elongation rate
270%	390%
Mixed rate	
Polyester 88%	
Polyurethane 12%	

feature Stretch jersey with sublimation print on polyester base.



PT Digital Camouflage

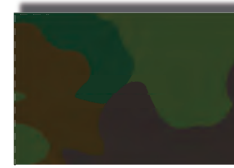


2023 NEW

PT Camouflage Black



PT Grey



PT Khaki

CM

CAMOUFLAGE

Vertical elongation rate	Horizontal elongation rate
380%	540%
Mixed rate	
Polyester 88%	
Polyurethane 12%	

feature Stretch jersey with camouflage print on the polyester jersey.



CM Black

STOCK ONLY



CM Pink

STOCK ONLY

STOCK ONLY

Please note that the stock limit mark will end as soon as the stock runs out.

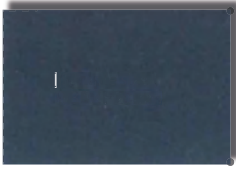
Jersey

BM

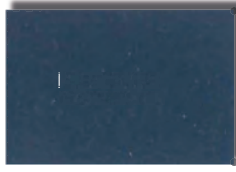
BEAM

Vertical elongation rate	Horizontal elongation rate
240%	420%
Mixed rate	
Nylon 100%	

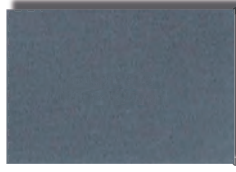
feature Nylon stretch jersey with excellent cost performance.



BM Black



BM Navy

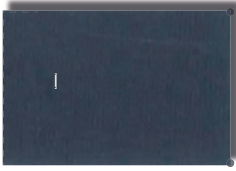


BM Dark Grey

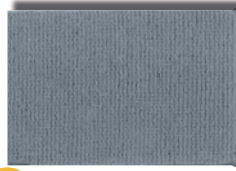
PS

Vertical elongation rate	Horizontal elongation rate
260%	320%
Mixed rate	
Nylon	100%

feature Premium standard nylon jersey that is blanced in all aspects, such as elasticity, texture and color variation.

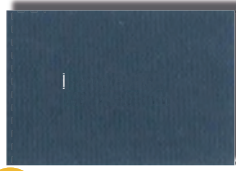


PS Black



2023 NEW

PS SK Grey

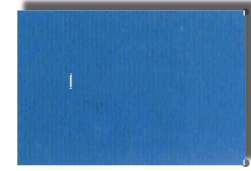


2023 NEW

PS Slate



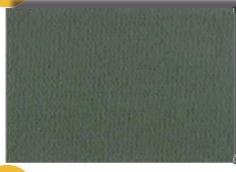
PS Royal



PS Bule

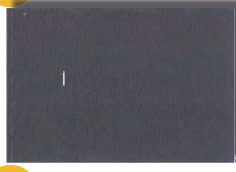


PS Green



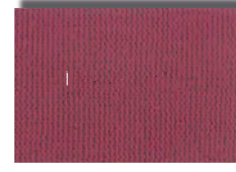
2023 NEW

PS Olive



2023 NEW

PS Mud

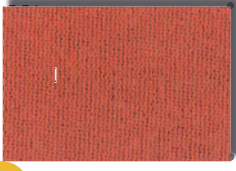


PS Red



2023 NEW

PS Mulberry



2023 NEW

PS Orange



PS Silver



PS Beige

PSK



Vertical elongation rate	Horizontal elongation rate
210%	210%
Mixed rate	
Polyester	100%

feature Polyester jersey with excellent color development properties.



PSKK Green



PSKK Orange



PSKK Yellow



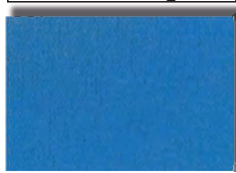
PSKK Pink



PSKK Lemon



PSKK Red



PSKK Blue



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Jersey

PSE

Vertical elongation rate	Horizontal elongation rate
210%	250%
Mixed rate	
Polyester	100%



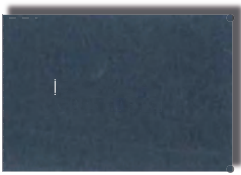
PSE White

feature Polyester jersey with excellent color development properties.

FP

FRENCH PILE

Vertical elongation rate	Horizontal elongation rate
220%	260%
Mixed rate	
Nylon	93%
polyurethane	7%



FP Black



FP Beige



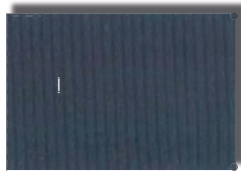
FP White

feature Pile jersey with better stretch than conventional velcro.

HTX

HARD TEX

Vertical elongation rate	Horizontal elongation rate
130%	170%
Mixed rate	
Polyester	97%
Polyurethane	3%



HTX Black

feature Excellent abrasion resistance, high tear strength polyester jersey.

KB

Vertical elongation rate	Horizontal elongation rate
220%	240%
Mixed rate	
Nylon	100%



KB Dark Grey

feature Anti bacterial and deodorant processing is given, suitable for inside.

ST

STANDARD

Vertical elongation rate	Horizontal elongation rate
200%	220%
Mixed rate	
Nylon	100%



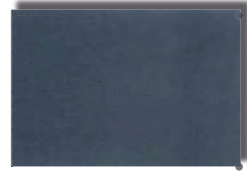
ST Black

feature Nylon standard jersey.

AT

AQUATEX

Vertical elongation rate	Horizontal elongation rate
320%	220%
Mixed rate	
Nylon	85%
Polyurethane	15%



AT Black **STOCK ONLY**

feature Durable nylon jersey filled with tighter weave than LY.

STOCK ONLY Please note that the stock limit mark will end as soon as the stock runs out.

Jersey

TC
TRICOOL



Vertical elongation rate	Horizontal elongation rate
280%	220%
Mixed rate	
polyester 82%	polyurethane 18%

feature

Functional material that combines special cross-section polyester and chlorine-resistant polyurethane fiber.



TC Black



TC Charcoal



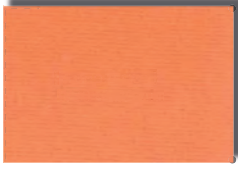
TC Navy



TC Aqua Blue



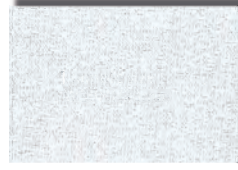
TC French



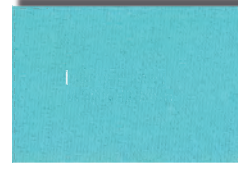
TC Orange



TC Yellow



TC White



TC Pistachio



TC Ice Blue



TC Red



TCK Red

SK
SARAKARA



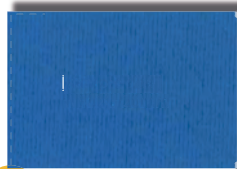
Vertical elongation rate	Horizontal elongation rate
260%	260%
Mixed rate	
polyester 92%	polyurethane 8%

feature

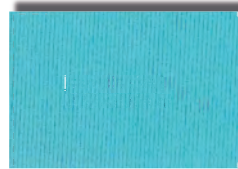
Moisture on the surface of the fabrics quick diffused to promote drying. Polyester jersey that can be used safely in the pool.



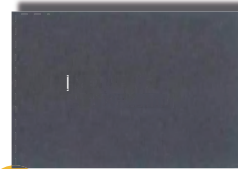
SK SK Grey



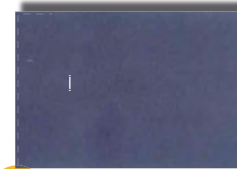
SK Blue



SK Pistachio



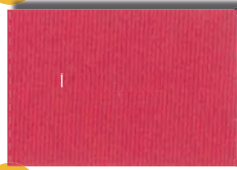
SK Mud



SK Mulberry



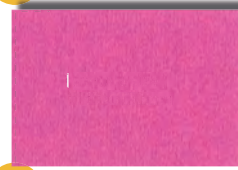
SK Lavender



SK Red



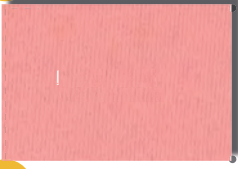
SK Orange



SK Magenta



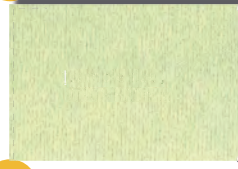
SK Coral Pink



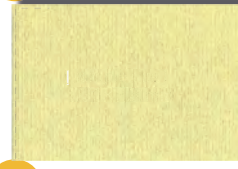
SK Salmon Pink



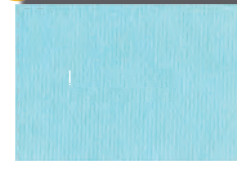
SK Sherbet Pink



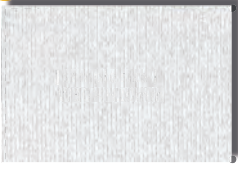
SK Sherbet Green



SK Sherbet Yellow



SK Sherbet Blue



SK White

Jersey

AL

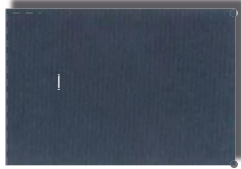
ALICE

Vertical elongation rate	Horizontal elongation rate
140%	190%
Mixed rate	
Polyester 100%	

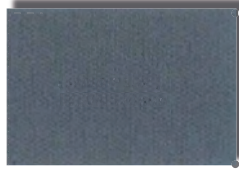
feature

Polyester 100%, suitable for bags & apparel items.

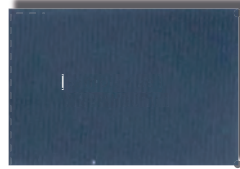
for **HANDMADE**



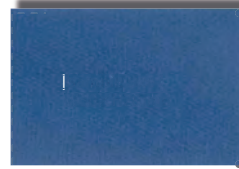
AL Black



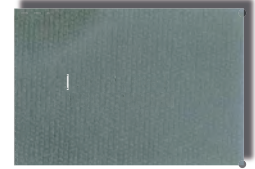
AL Dark Grey



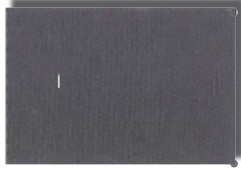
AL Navy



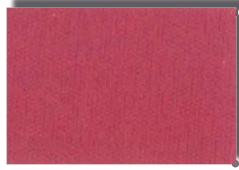
AL Deep Blue



AL Khaki



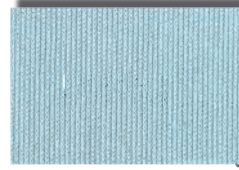
AL Mud



AL Red



AL Silver



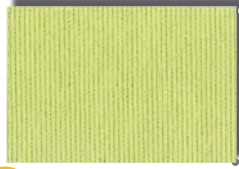
AL Sherbet Blue



AL Lavender



AL Beige



2023
NEW

AL Sherbet Green



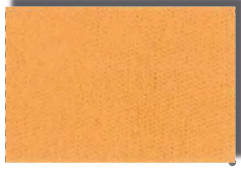
AL Sherbet Yellow



AL Sherbet Pink



AL White



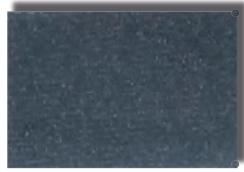
AL Orange

10

Coating

2CRD

2times radial coating

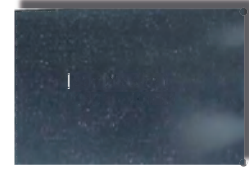


feature

2times radial coating for water resistance and superior abrasion resistance on the jersey surface.

3CRD

3times radial coating

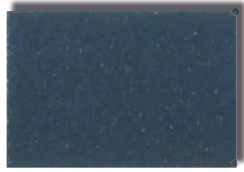


feature

3times radial coating for water resistance and superior abrasion resistance on the jersey surface.

4CRD

4times radial coating

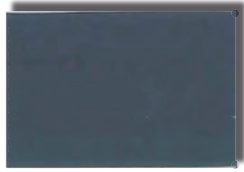


feature

4times radial coating for water resistance and superior abrasion resistance on the jersey surface.

BRFC

Black Repel



feature

The surface of the skin is coated with slipping layer which realizes easiness to wear and remove.

RSFC

Repel Thermo



feature

The aluminum layer is coated on the skin surface, which exerts the heat reflection effect and slipperiness for easy wearing & removing.

In-stock items only (PART1)

MNC MEGA NESL C

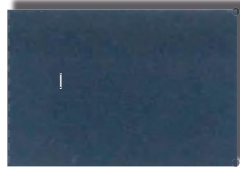
Vertical elongation rate	Horizontal elongation rate
390%	680%
Mixed rate	
Nylon 87%	Polyurethane 13%

feature

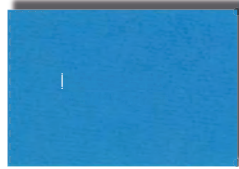
Mega high stretch jersey with amazing stretch rate.



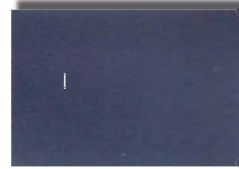
MNC SK Gray



MNC Navy



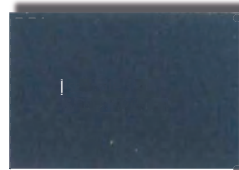
MNC Aqua Blue



MNC Mulberry

ANS AIR NESL SPIDER

Vertical elongation rate	Horizontal elongation rate
420%	670%
Mixed rate	
Nylon 80%	Polyurethane 20%



ANS Black

feature

Using nylon hollow fiber, it is a super high stretch jersey with excellent feel, heat retention and elasticity.

SN SUPER NESL

Vertical elongation rate	Horizontal elongation rate
340%	570%
Mixed rate	
Nylon 87%	Polyurethane 13%



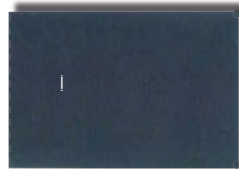
SN Black

feature

Unique moist feeling nylon high stretch jersey featuring comfortable.

SAP

Vertical elongation rate	Horizontal elongation rate
380%	460%
Mixed rate	
Nylon 81%	Polyurethane 19%



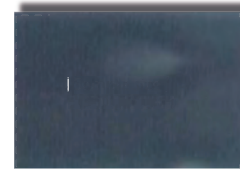
SAP Black

feature

Nylon high stretch jersey with excellent stretch and contraction.

RF

Vertical elongation rate	Horizontal elongation rate
260%	480%
Mixed rate	
Nylon 88%	Polyurethane 12%



RF Black

feature

Nylon stretch jersey suitable for lining.

PB

Vertical elongation rate	Horizontal elongation rate
260%	300%
Mixed rate	
Nylon 100%	



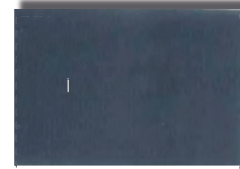
PB Black

feature

Nylon premium standard jersey with a good balance of elasticity and texture.

QS

Vertical elongation rate	Horizontal elongation rate
250%	290%
Mixed rate	
Nylon 100%	



QS Black

feature

Nylon black jersey with well-balanced elasticity and suitable for lining.

In-stock items only (PART2)

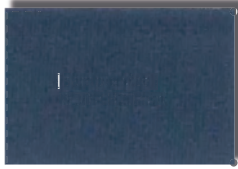
LY
LYCRA 

Vertical elongation rate	Horizontal elongation rate
200%	310%
Mixed rate	
Polyester	83%
Polyurethane	17%

feature High class jersey with unique gloss, characterized by high durability.



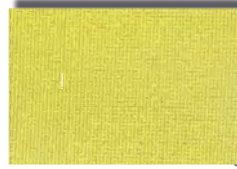
LY Grey



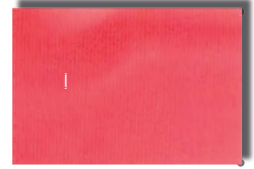
LY Navy



LY French



LY Yellow



LYK Red

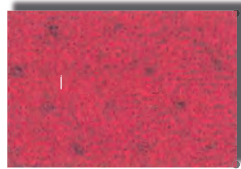


LY White

AFL 

AIR FLAME LEGACY

Vertical elongation rate	Horizontal elongation rate
340%	440%
Mixed rate	
Polyester hollow fiber	42.1%
Polyester	29%
Cupra	19.2%
Polyurethane	9.7%



AFL Red

feature Superme brushed material having both endothermic and stretching heat generation, with heat storage function.

HTC 

HEAT TECT

Vertical elongation rate	Horizontal elongation rate
240%	390%
Mixed rate	
Polyester hollow fiber	40%
Cupra	8%
Polyester	42%
Polyurethane	10%



HTC Orange

feature Brushed polyester jersey suitable for lining, blended with hygroscopic heat generating thread.

Precautions for handling wet materials

■ Precautions for handling wetsuit materials

Chloroprene rubber foam and other rubber foams

And instructions for handling composite materials that are laminated with jersey etc.

To protect the health and safety of workers and consumers,
be sure to read the following instructions carefully before using.

[1] Chloroprene rubber foam and other rubber foams, and composite materials obtained by laminating them with jersey.

[2] The handling precautions for this product are as follows, and should be clearly presented to workers and consumers by warning signs and handling instructions.

****Please refer to the following contents for the consumer instruction manual.***

<Danger of product material>

Danger This material causes color transfer trouble. Never make contact with other products. Don't put it in a hot car trunk, especially when it is wet. If you have to store it, don't let the light and dark colors of the jersey come in contact with each other to prevent color transfer.

Danger This product is not suitable for the purpose of protecting the human body and goods. Also, although it floats on water, don't use it as a life-saving device or buoyancy aid.

Danger This product burns. If it burns, there is a risk of generating harmful gases such as carbon monoxide, chlorine compounds, and soot, so be careful when extinguishing the fire at the initial stage, report it to the fire department, and follow the instructions of the firefighters. In addition, please don't use fire in or near the place where it is stored or used.

<Health hazard of product material>

Warning If this product comes into direct contact with the skin, it may cause skin damage to people with an allergic constitution due to friction, static electricity, threads from rubber, compounds, nylon, polyester, etc., and threads from fiber materials. If any abnormality occurs, discontinue use, consult a doctor and follow the instructions.

Warning May cause skin / respiratory disorders due to residual organic solvent. In case of any abnormality, discontinue use immediately, move to fresh air, consult a doctor and follow the instructions.

Caution May cause stuffiness due to long-term use.

<Regarding disposal>

Caution Dispose as industrial waste.

Caution Do not incinerate.

<Others>

Caution There is a risk of discoloration due to sunlight, please avoid direct sunlight and store it in a well-ventilated place with no wrinkles or breaks.

Caution Do not wipe the surface of rubber or jersey with solvent.

Caution A combination of nylon and polyester will reduce color migration.

Caution Do not wash with chlorine detergent or bleach.

Caution As a washing method, wash with warm water and be sure to dry in the shade.

Caution Do not use washing machine or dry cleaning.

Caution Placing an object on top of this product may cause the air bubbles in the garment to collapse and not recover.