



 Types of sponges, semi-finished products & the order lots
Water lamination compatible list
 Sponge sample & physical properties

Jersey Sample	GN · NB · AFL · DMR · CRL · ASH · NEN · AST	
Jersey Sample	NL • NLE	
Jersey Sample	NLK • NLM • CM	
Jersey Sample	PT	
Jersey Sample	BM • PS • PSK	
Jersey Sample	PSE • FP • HTX • KB • ST • AT	
Jersey Sample	TC · SK	
Jersey Sample	AL	
Coating	OSFC • OSCC • 2CRD • 3CRD • 4CRD	
In-stock items only	MNC · SN · SAP · RF · LY	
Precautions for handling wet materials		
riecautions for nanuling wet materials		

Types of sponges, semi-finished products & the order lots $\,$ $_{R\text{-}LIN\text{-}001}$

	S -SOFT-	M -MEDIUM-	H -HARD-	W -WHITE-
CC: Cell / Cell	ated 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 lamin	ated 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	1 Piece	
6.5FC	1 Piece	1 Piece	1 Piece	
8FC			1 Piece	
1 1 1 1 1 1 1 1 1 1	6.11			
MC: Mesh skin /		Jersey can be lamin	ated on cell side	
1.5MC	1 Piece			
2MC	1 Piece			
3MC	1 Piece			
4MC	1 Piece		1 -:	
5MC	1 Piece		1 Piece	
Semi-finished produ	ct OSFC : OS Coating / Cell	Jersey can be lamin	ated on cell side	
1.50SFC Black	1 Piece			
20SFC Black	1 Piece			
30SFC Black	1 Piece		1 Piece	
40SFC Black	1 Piece			
5OSFC Black	1 Piece		1枚	
Semi-finished produ	ct 4CRD: 4times Coating /	Cell Jersey can be	laminated on cell side	
3.5CC 4CRD(W)			1 Piece	
5CC 4CRD(W)			1 Piece	
Semi-finished produ	ıct : Jersey / Cell	Jersey can be lan	ninated on cell side	
A1CC PS Black	1 Piece	S2CC NB Black(W)	1 Piece	
S2CC NL Black(W)	1 Piece	S3CC NB Black(W)	1 Piece	
S3CC NL Black(W)	1 Piece	S2CC PS Black(W)	1 Piece	
S2CC ASH Peach(W)	1 Piece	S3CC PS Black(W)	1 Piece	
S3CC ASH Peach(W)	1 Piece	S2CC BM Black(W)	1 Piece	
. ,		S3CC BM Black(W)	1 Piece	

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

Water lamination compatible list

J-LIN-001

	S -SOFT-	M -MEDIUM-	H -HARD-	W -WHITE-
J-PIL	5 55.1.	141	11	VV 2
G N	•	•	•	×
N B	•	•	•	×
AFL		•	•	×
DMR		•	•	×
C R L	•	•	•	×
ASH		•	•	×
J-NL				***
N L		•	•	X
N L E			•	X
NLK		•	•	X
NLM		•	•	X
СМ	•	•	•	×
J-PRI				
P T		•	•	X
J-PSS				
ВМ		•	•	×
P S	•	•	•	×
PSK	•	•	•	×
J-OTH				
PSE			•	×
F P		•	•	×
нтх			•	×
КВ				X
S T			•	X
АТ		•	•	×
J-TCS				
T C	×	X	X	X
S K		•	•	X
J-ALS				
A L	•		•	×
J-FIN				
MNC		•	•	×
S N		•	•	X
S A P		•	•	X
R F	×	×	×	×
LY	×	×	X	×

Water lamination compatible

× Not compatible

^{*}Depending on the type of jersey and sponge, there are some combinations that are not compatible with water lamination. For other jerseys not listed in the table above, please contact our sales representative.



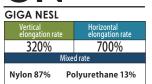
This is a sample to compare the texture of the sponge. Some sponges are for comparison and cannot be handled. Please refer to the table of [Sponge/semi-finished product types and lot numbers] for a lineup of all types and thicknesses.

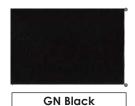
Type of Sponges		S -S	OFT-	M -MEDIUM-		H -HARD-		W -WHITE-	
Style		F/C	C/C	F/C	C/C	F/C	C/C	F/C	C/C
Apparent Specificgravity (g/cm³)		0.205	0.177	0.266	0.22	0.279	0.225	0.259	0.204
Hardness (csc2)		32	28	39	33	41	35	35	30
Tensile Strength (kgf/cm²)		6.20	5.65	8.44	6.71	10.04	8.12	6.18	4.78
Elongation (%)		580	528	654	620	628	590	454	424
	M50	0.28	0.23	0.32	0.23	0.38	0.30	0.32	0.19
Tensile	M100	0.61	0.53	0.69	0.51	0.90	0.72	0.76	0.54
Stress (kgf/cm²)	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

^{**}The values in the table are measured using 5mm sponges. The values are for reference only.
Please note we can't gurantee those figures as CR properties may change, depending on the aged deterioration or used conditions.

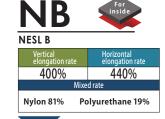
J-PIL-002

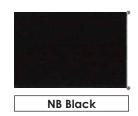
GN





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





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

AFL

AIR FLAME LEGACY



Vertical elongation rate	Horizontal elongation rate			
340% 440%				
Mixed rate				
Polyester hollow fiber 42.1% Polyester heat storage yar 29% Moisture absorbing heat generating yar 19.2% Stretchable heat generating yar 9.7%				

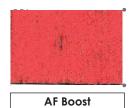


AFL Wine

<u>AFL</u>



AIR FLAME BOOST					
Vertical elongation rate	Horizontal elongation rate				
340% 480%					
Mixed rate					
Polyester hollow fiber 46.69 Recycled polyester 10.29 Light deodorant yarn 15.49 Polyester heat storage yarn 9.59 Moisture absorbing heat generating yarn 10.59 Stretchable heat generating yarn 10.59					



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

Ti

This is a top-class brushed material that adds recycled polyester and light deodorant fiber to Airflame Legacy, which has moisture absorbing heat generating, stretchable heat generating, and heat storage functions.

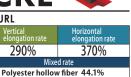


DRY MAX R						
Vertical elongation rate	Horizontal elongation rate					
200%	500%					
Mixed rate						
Polyester hollow Recycled polyest polyuretrane						

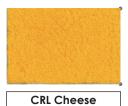


DMR Forest





48.3%



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



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



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



NEN

Polyester

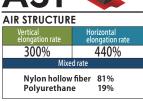
Plyurethane

NEW ECO NESL						
Vertical elongation rate	Horizontal elongation rate					
300%	540%					
Mixed rate						
Recycled nylor polyuretrane	n 88% 12%					



A new recycled stretch material made from fishing nets that have outlived their usefulness in the fishing industry.



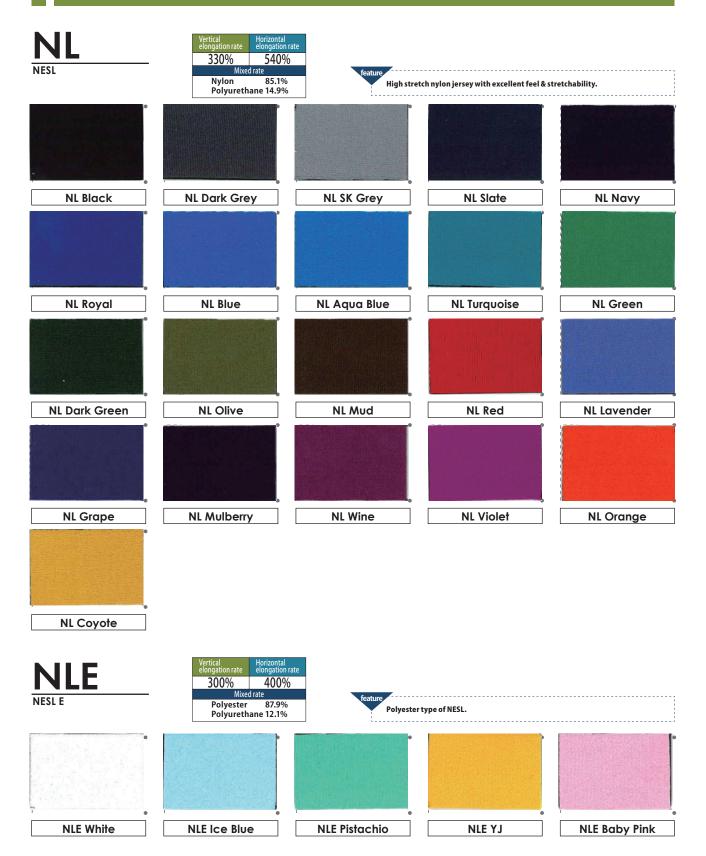




The lightest stretch jersey that combines warmth and lightness using nylon hollow yarn.

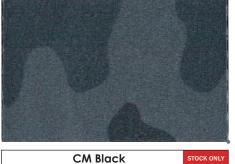
Short pile fabric with good elongation, quick drying and durability.

Jersey J-NL1-001



J-NL2-001





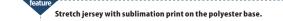


Please note that the stock limit mark will end as soon as the stock runs out.

Jersey J-PRI-001



Vertical elongation rate	Horizontal elongation rate				
270%	390%				
Mixed rate					
Polyester	88%				
Polyureth	ane 12%				





PT CamoC



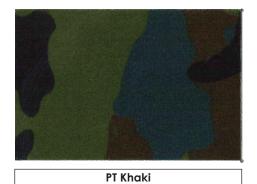
PT tie-dye



PT Camouflage Black



PT Grey





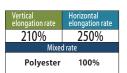
Please note that the stock limit mark will end as soon as the stock runs out.

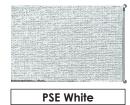
Jersey J-PSS-001



Jersey J-OTH-001



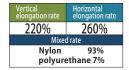




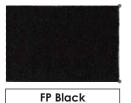
feature

Polyester jersey with excellent color development properties.



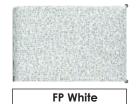


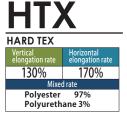
Pile jersey with better stretch than conventinal velcro.



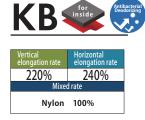


FP Beige







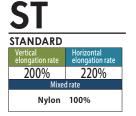




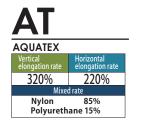
feature Excellent a

Excellent abrasion resistance, high tear strength polyester jersey.











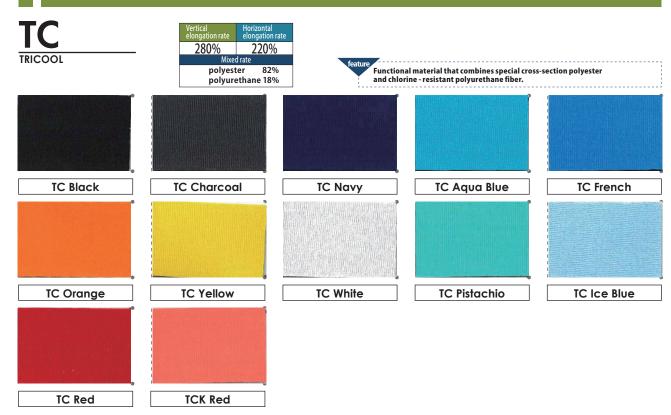
Nylon standard jersey.

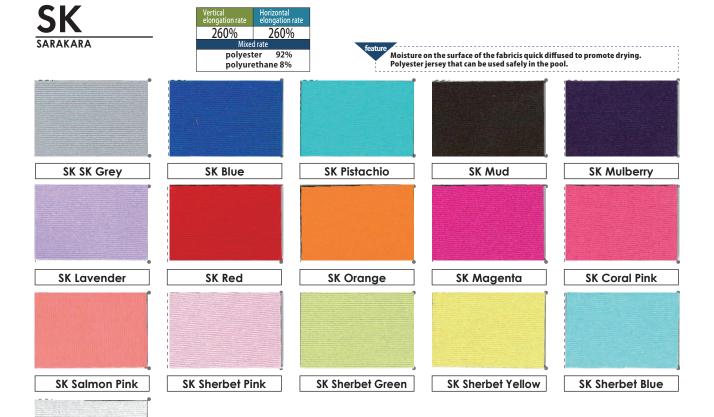
Durable nylon jersey filled with tighter weave than LY.

STOCK ONLY

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

Jersey J-TCS-001





SK White

Jersey J-ALS-001



Coating J-COA-001









OSFC Black

OSFC Dark Grey

OSFC Light Grey



The skin surface is coated with a water-based slippery layer that is easy to put on and take off.

OSCC OCEANOS SLIP COAT





feature

The sliced surface is coated with a water-based slippery layer that is easy to put on and take off.

2CRD

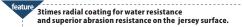






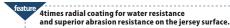


2times radial coating for water resistance and superior abrasion resistance on the jersey surface.

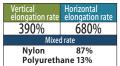












Mega high stretch jersey with amazing stretch rate.



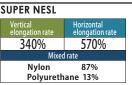


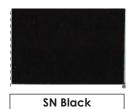


MNC Navy

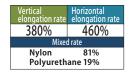
MNC Aqua Blue

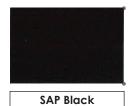
MNC Mulberry





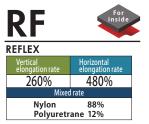






 $\label{thm:composition} \textbf{Unique moist feeling nylon high stretch jersey featuring comfortable.}$

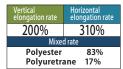
 $Nylon\ high\ stretch\ jersey\ with\ excellent\ stretch\ and\ contraction.$



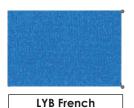


Nylon steretch jersey suitabe for lining.

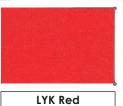


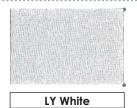


 $\label{thm:class} \textbf{High class jersey with unique gloss, characterized by high durability.}$









Precautions for handling wet materials A-DAN-001

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 D

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.

