



SINCE **1965**



material catalogue for gloves

kura*ray*

About us

A Material That Stands the Test of Time

CLARINO[™] was developed in 1964 as a man-made leather with the structure and functionality of natural leather through the application of chemical technology. It is light, tough, flexible and water resistant. CLARINO[™] is used for shoes, bags, school bags, sporting goods, jackets, sofas, and more. Although the R&D team faced many challenges during development, they persevered through hard work and trial and error. This is the story of CLARINO[™] and how it earned its reputation today as a brand synonymous with high-quality man-made leather.

Gloves

CLARINO[™] is highly regarded in the work/sports glove industry, and is well known for its superior performance and physical properties. It is widely used for palms and patches, and is available as suede or grain type material.

- Motorsports and cycling gloves
- Golf gloves
- Outdoor sports gloves
 (ski, snowboard, mountain, water ski)
- Tactical gloves
- Batting gloves
- Working gloves
- Fashion gloves
- Gardening gloves

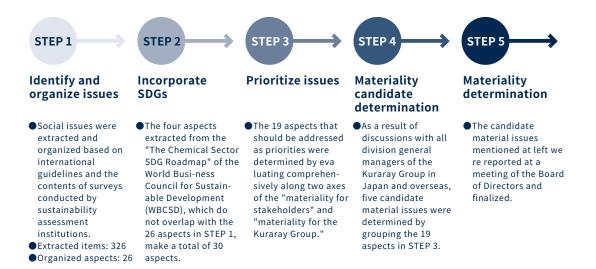
Sustainability Management

Materiality of the Kuraray Group

The Kuraray Group reviewed its materiality in 2019, identifying five domains along with specific examples: "improving the natural environment," "improving the living environment," "effective use of resources and reduction of environmental impact," " improving supply chain management," and "improving the development of a 'company that people can proud of'." Prior to drafting the Medium-Term Management Plan "PASSION 2026" the "reduce, reuse, recycle" initiatives specified in 2019 were combined under the term "Circular Economy." Contributions to these revised material domains are being incorporated into the business plans of all Group organizations.

Procedure to Identify Materiality

Material issues (materiality) that the Kuraray Group should deal with on a priority basis have been identified in accordance with the following procedure. Materiality will be reviewed periodically in accordance with developments in the international community, changes in the business environment, and so on.



Sustainability Management

Creating Value through Business

Improving the natural environment

- Climate change measures-GHG reduction and energy conservation
- Solution of marine plastics and plastic waste
- Water and air purification
- Biodiversity conservation
- Development of next-generation applications, products, and technologies
- Circular Economy

Improving the living environment

- · Contribute to the safe and reliable supply of food and water
- Improvement of quality of Life
- Promotion of health and wellness for all
- Development of next-generation applications, products, and technologies

Creating Value to Strengthen the Foundation of Kuraray

Effective use of resources and reduction of environmental impact

- Reduction of GHG emissions
- Reduction of chemical emissions
- Reduction of waste volume and intensity
- Reduction of marine plastics and plastic waste

Improving supply chain management

- Sustainability Procurement
- Improvement of product stewardship

Building a "company that people can take pride in"

- Promotion of safety activities
- Improvement of safety and disaster prevention preparedness
- Enhancement of technology and working smarter
- Promotion of workplace diversity and inclusion

CLARINO[®] **Index**

Concept		Туре	Series	Itemcode	Functions	
Sustainability	Recycle	Grain	Recycle Polyester material	PT-H81/PE381		
		Suede	Recycle Polyester material	SR-D780/SR-D180		
		Grain	Recycle Nylon material	ER-XC @@-@@@@@@		
, i i i i i i i i i i i i i i i i i i i		Suede	Recycle Nylon material	RX8060		
	Solution-dye (Non-dyed)	Suede	Non migration material	8280H	## 152 🛞	
				KX7501		
				KL9445/ 9448		
				N-8050-V		
Classic		Suede		N-8050-J		
				KP7080/KX7080		
				N-8100	##	
				H-8080		
		Suede		N-8080SA/SB	###	
				N-8080F		
Speciality		Grain	Non-Slip material	N82 @@		
opeciality			High Abrasion Resistant material (HAR)	E82 @@		
			Trivela	E-XC @@-@@@@@@		
	Suede	Suede	Conductive material	H-8280BE	≠ ₩	
Innovation		Guide	Hybrid Suede	22K-S7018	## 😻 🗹	
FUNCTIONS Superior softness and hand feeling Recycle Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling Image: Superior softness and hand feeling <t< td=""></t<>						

MPROVED GRIP

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VARIETY OF COLOR OPTIONS

REDUCTION OF ENVIRONMENTAL LOAD

ZERO COLOR BLEEDING

- ## BREATHABLE
- ✓ OTHER FUNCTIONS

FUNCTIONS



Variety of Color Options

Excellent color capability, and Customs colors available. *Vivid and Neon colors are unavailable.



Sustainability



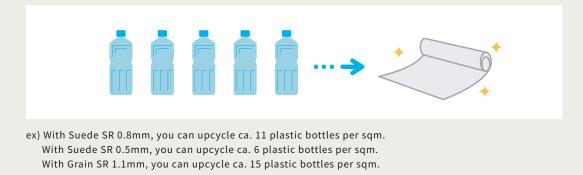
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KURARAY TRADING CO., LTD.

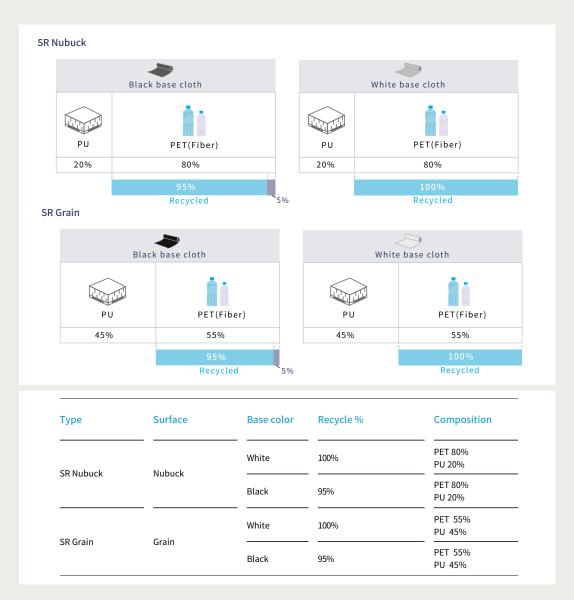
Plastic bottles to man-made leather

More and more customers are aware of sustainability - by switching the conventional man-made leather to our SR series. It can make your products more appealing to customers.

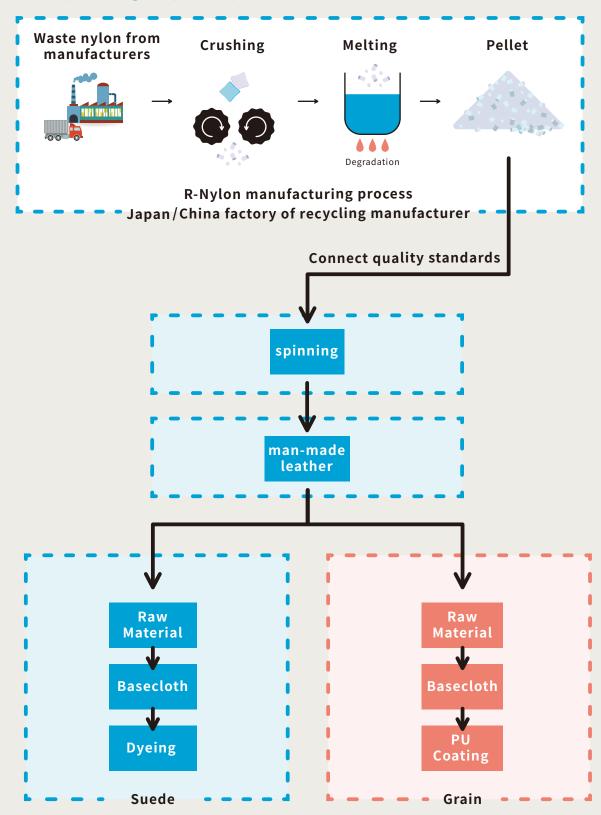


High content of recycled PET

95% - 100% of our microfiber is made from recycled PET. This high content of recycled material contributes to less plastic waste.



Quality (*Using Recycled Nylon fiber)



*** Recycling Rate:**

《Japan》

Base color white : recycle-nylon 95-100% virgin-nylon 0-5% Base color black : recycle-nylon 65% virgin-nylon 35% 《China》 60% Recycled-Nylon 40% Virgin-Nylon Grain Recycle polyestermaterial **PT-H81/PE381**

Applications and features

- Recycle PET, Softness, Durability, Natural leather alternatives
- Premium R-PET Microfiber grain with water-based PU coating
- Luxurious full grain hand feel
- 95 to 100% R-PET fiber content (white base at 100% and black base at 95%)
- Durable & Strong ; ideal for high-perfomance and lifestyle





Suede Recycle polyester material SR-D780/ SR-D180

Applications and features

- Premium R-PET Microfiber suede
- Excellent color capability
- Light weight, Breathable and Strong





SR-D780_DARK GREY

Technical Characteristics

 Thickness(mm)
 0.8 (± 0.1)

 Width (cm)
 140

Material Content — RPET80 PU20 ±5

RPET(95%) 80 PU20 ±5

Tear Strength						
Lengthwise(kg)	5.4/9.0					
Crosswise(kg)	5.8/8.0					
Origin	Japan					
%Information is to be used as a reference	ce					

FUNCTIONS



RECYCLE REDUCTION OF ENVIRONMENTAL LOAD







Grain

Recycle nylon material ER-XC @@-@@@@@@

Applications and features

- Premium R-Ny microfiber suede
- Luxurious suede with soft, refined nap
- 100% recycled nylon fiber content
- Light weight, Breathable

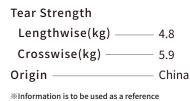


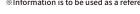


0.75mm-Sherpa



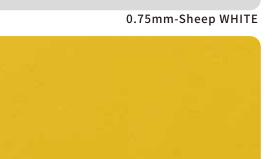
0.75mm-perforated BK







SUPERIOR SOFTNESS AND HAND FEELING



0.75mm-Deer YEL

Technical Characteristics

Thickness(mm) — 0.75mm(±0.15mm) Width (cm) — 138

Material Content — NY40/PU60 ±10

FUNCTIONS



RECYCLE VARIETY OF COLOR OPTIONS





Suede

Recycle nylon material RX8060

- **Applications and features**
- Premium R-Ny microfiber suede
- Good stretch for comfort and shape





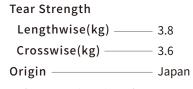
RX8060 Camel

Technical Characteristics

 Thickness(mm)
 0.65 (±0.07)

 Width (cm)
 140

Material Content — RNY57.5/PU43.5(±5.0)



%Information is to be used as a reference

BREATHABLE

FUNCTIONS

RECYCLE VARIETY OF COLOR OPTIONS





Suede

Non migration material 8280H-@@

Applications and features

- Premium microfiber suede
- No color migration issue
- Light weight, Breathable
- Proven and trusted, H-8080 has been a long seller for over 5 decades





8280H-30 GRY



Technical Characteristics

Thickness(mm) — 0.8 (±0.1)

Width(cm) — 140

Material Content — NY60/PU40(±10)

Tear Strength

Lengthwise(kg) — GRY/3.5 | DGY/3.6 | BLK/2.5

Crosswise(kg) — GRY/4.3 | DGY/2.9 | BLK/2.9

Origin — China

 $\% \ensuremath{\mathsf{Information}}$ is to be used as a reference





REDUCTION OF ENVIRONMENTAL LOAD

ZERO COLOR BLEEDING

8280H-90 BLK





21SU-007

Classic



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KURARAY TRADING CO., LTD.

Suede KX7501

Applications and features

- Superior softness and an excellent fit
- Suitable for golf and dress gloves
- Variety of color ways
- Breathable





KX7501_700

Technical Characteristics

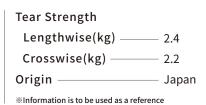
 Thickness(mm)
 0.48(± 0.04)

 Width (cm)
 130

Material Content — NY60/PU40(±5)

FUNCTIONS





SUPERIOR SOFTNESS AND HAND FEELING



Suede KL9445 / KL9448

Applications and features

- Superior softness and an excellent fit
- Thinnest thickness suede in $\mathsf{CLARINO}^{\scriptscriptstyle\mathsf{TM}}$
- Suitable for golf gloves
- Breathable





KL9445_238

KL9448_703

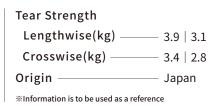
Technical Characteristics

Thickness(mm) $----- 0.45(\pm 0.04) | 0.48(\pm 0.04)$ Width (cm) _____ 130 | 125

Material Content — NY60/PU40 ±5

FUNCTIONS







SUPERIOR SOFTNESS AND HAND FEELING



Suede N-8050-V

Applications and features

- Additional tack impregnating resin gives enhanced grip
- Breathable





N-8050-V_700

Technical Characteristics

Thickness(mm) ------ 0.52 (±0.07) Width (cm) ______ WHT/120 | BLK/130

Material Content ----- NY60/PU40 ± 5

FUNCTIONS







Tear Strength

Lengthwise(kg) — 2.9

Crosswise(kg) 2.6 Origin Japan

%Information is to be used as a reference



OTHER FUNCTIONS



Suede N-8050-J

Applications and features

- Additional softner treatment gives improved hand feel
- Breathable



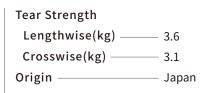


N-8050-J_700

Technical Characteristics

Thickness(mm)	0.52 (±0.07)			
Width (cm)	- WHT/120 BLK/130			

Material Content — NY60/PU40 ±5



%Information is to be used as a reference

FUNCTIONS







Suede KP7080 / KX7080

Applications and features

- Thicker version of KX7501
- Extra fine microfiber provides superior softness, excellent fit and a beautiful look
- Breathable





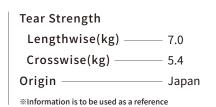


KP7080_700

Technical Characteristics

Thickness(mm)	0.8 (±0.15)
Width (cm)	130

Material Content — NY60/PU40 ±5



FUNCTIONS





SUPERIOR SOFTNESS AND HAND FEELING





Suede **N-8100**

Applications and features

- Similar to H-8080, but thicker and of higher physical properties
- Excellent abrasion resistance
- Suitable for work or sport gloves
- Breathable



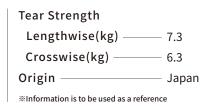


N-8100

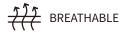
Technical Characteristics

Thickness(mm)	1.00 (±0.1)
Width (cm)	130

Material Content — NY60/PU40 ±5



FUNCTIONS







Suede H-8080

Applications and features

- One of the most well known material in the glove market
- Proven and trusted, H-8080 has been a best seller for over 5 decades
- Consistent high quality, excellent abrasion resistance
- Breathable





E36C



C31C



C22C

Tear Strength

Lengthwise(kg) 2.2 Crosswise(kg) 2.3

Origin — China

*Information is to be used as a reference

B13C

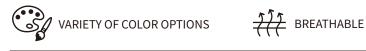
Technical Characteristics

 Thickness(mm)
 0.78 (±0.1)

 Width (cm)
 140

Material Content ----- NY60/PU40 ±10

FUNCTIONS







Speciality



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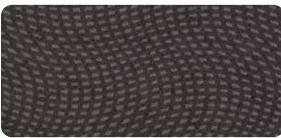
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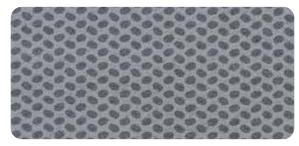
Suede N-8080SA/SB

Applications and features

- One of 8080 series, Function model
- Patterned suede for additional performance tack,
- especially when wet
- Suitable for work and sport gloves
- Breathable







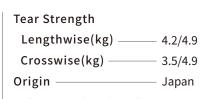
N-8080SB-235

N8080SA

Technical Characteristics

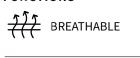
Thickness(mm)	0.80 (±0.1)
Width (cm)	140

Material Content — NY60/PU40 ±5



%Information is to be used as a reference

FUNCTIONS



IMPROVED GRIP





Suede N-8080F

Applications and features

- One of 8080 series, Function model
- Proven and trusted, it has been a best seller for 5 decades
- Consistent high quality, excellent abrasion resistance
- The moisture permeable water-proof film at back side
- Suitable for water sports



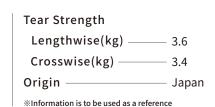


N-8080F

Technical Characteristics

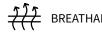
Thickness(mm) ------ 0.7 (±0.1) Width (cm) _____ 135

Material Content — NY60/PU40 ±5



FUNCTIONS

VARIETY OF COLOR OPTIONS



OTHER FUNCTIONS



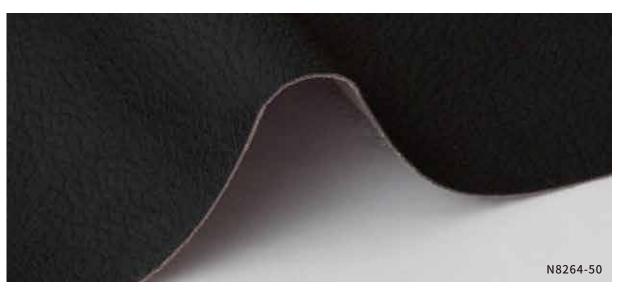


Grain

Non-slip material N82 @@-@@@@@

Applications and features

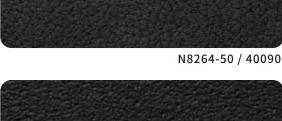
- Good for high-performance gloves that require slip resistance
- Various textures available





N82C9-80 / 40090

N82A4-80 / 40090





N8267-80 / 40090

Technical Characteristics

 Thickness(mm)
 0.55 (±0.07) | 0.7 (±0.1)

 Width(cm)
 130(125)

Material Content — NY45/PU55 ± 5

Tear Strength

- Lengthwise(kg) 3.1 | 4.8 Crosswise(kg) 3.2 | 4.2
- Origin Japan

%Information is to be used as a reference



N82B4-80 / 40090

FUNCTIONS





Grain

High abrasion resistant material

E82 @@-@@@@@

Applications and features

- Very soft and high abrasion grain material
- Suitable for work gloves and sport gloves
- Various textures available







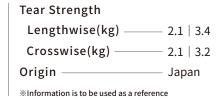
E82B4-80

Technical Characteristics

 Thickness(mm)
 0.6 (±0.07) | 0.8 (±0.1)

 Width (cm)
 120 | 130

Material Content — NY50/PU50 ± 5



FUNCTIONS

VARIETY OF COLOR OPTIONS



HIGH ABRASION RESISTANCE





Grain E-XC @@-@@@@@@

https://www.kuraray.com/products/clarino

Applications and features

- Good stretch for comfort and shape
- Excellent alternative to natural grain leather
- Reducing cutting loss.



Innovation



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KURARAY TRADING CO., LTD.

Suede

Conductive material H-8280BE

Applications and features

- Conductive basecloth makes electric conductive function more long lasting
- Electric resistance $\leq 10^{5}\Omega$





H8280BE-9700_BLACK

Technical Characteristics

Thickness(mm) ------ 0.8 (± 0.1) Width (cm) ______ 138

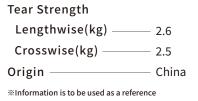
Material Content — NY60/PU40

FUNCTIONS









Hybrid Suede **22K-S7018**

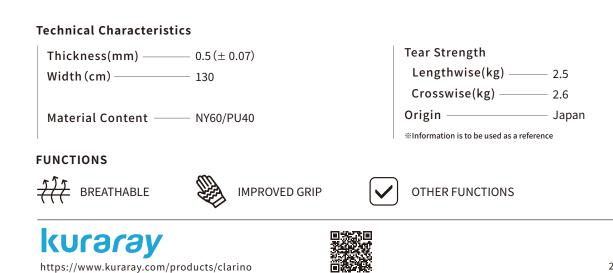
Applications and features

• Creates a suitable grip balance in dry or wet conditions





Hybrid Suede 0.5mm_20K-S1018



Material Spec

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Con	cept	Туре	Series	Itemcode	Thickness	Width	Material Content	Tear Strength	Origin	Functions
Sustainability	- Recycle -	Grain	Recycle Polyester material	PT-H81/PE381	1.15mm(±0.15mm)	140cm	RPET55/PU45 ±10	L/4.5kg C/4.5kg	China	A 🔮 🤪
		Suede	Recycle Polyester material	SR-D780/SR-D180	0.8mm(±0.1mm)	140cm	RPET80 PU20 ±5 RPET(95%) 80 PU20 ±5	L/5.4/9.0kg C/5.8/8.0kg	Japan	
		Grain	Recycle Nylon material	ER-XC @@-@@@@@@	0.75mm (±0.15mm)	138cm	NY40/PU60 ±10	L/4.8kg C/5.9kg	China	
		Suede	Recycle Nylon material	RX8060	0.65mm ±0.07mm	140cm	RNY57.5 PU43.5 ±5	L/3.8kg C/3.6kg	Japan	
	Solution-dye (Non-dyed)	Suede	Non migration material	8280H-30-@@@@	0.8mm(±0.1mm)	140cm	NY60/PU40±10	L/3.5kg C/4.3kg	China	## 🔮 🛞
				8280H-50-@@@@	0.8mm(±0.1mm)	140cm	NY60/PU40 ±10	L/3.6kg C/2.9kg	China	## 🔮 🛞
				8280H-90-@@@@	0.8mm(±0.1mm)	140cm	NY60/PU40 ±10	L/2.5kg C/2.9kg	China	## 🔮 🛞
			ede	KX7501	0.48mm(±0.04mm)	130cm	NY60/PU40 ±5	L/2.4kg C/2.2kg	Japan	
				KL9445/9448	0.45mm/0.48mm(±0.04mm)	130/125cm	NY60/PU40 ±5	L/3.9/3.1kg C/3.4/2.8kg	Japan	
Classic		Suede		N-8050-V	0.52mm(±0.07mm)	WHT/120 BLK/130cm	NY60/PU40 ±5	L/2.9kg C/2.6kg	Japan	
				N-8050-J	0.52mm(±0.07mm)	WHT/120 BLK/130cm	NY60/PU40 ±5	L/3.6kg C/3.1kg	Japan	
				KP7080/KX7080	0.8mm(±0.15mm)	130cm	NY60/PU40 ±5	L/7.0kg C/5.4kg	Japan	
				N-8100	1.00mm(±0.1mm)	130cm	NY60/PU40 ±5	L/7.3kg C/6.3kg	Japan	##
				H-8080	0.78mm(±0.1mm)	140cm	NY60/PU40 ±10	L/2.2kg C/2.3kg	China	
		Suede	le	N-8080SA/SB	0.80mm(±0.1mm)	140cm	NY60/PU40 ±5	L/4.2/4.9kg C/3.5/4.9kg	Japan	##
				N-8080F	0.7mm(±0.1mm)	135cm	NY60/PU40 ±5	L/3.6kg C/3.4kg	Japan	
		Grain	Non-Slip material	N82@@-80	0.7mm(±0.1mm)	130(125)cm	NY45/PU55 ±5	L/4.8g C/4.2kg	Japan	
Speciality				N82@@-50	0.55mm (±0.07mm)	115cm	NY45/PU55 ±5	L/3.1kg C/3.2kg	Japan	
			ain High Abrasion Resistant material (HAR) Trivela	E82@@-80	0.8mm(±0.1mm)	130cm	NY50/PU50 ±5	L/3.4g C/3.2kg	Japan	
				E82@@-50	0.6mm(±0.07mm)	120cm	NY50/PU50 ±5	L/2.1g C/2.1kg	Japan	
				E-XC @@-@@@@@@	0.55mm(±0.07mm)	138cm	NY40/PU60	L/4.5kg C/3.8kg	China	
Innovation		Suede	Conductive material	H-8280BE	0.8mm(±0.1mm)	138cm	NY60/PU40	L/2.6kg C/2.5kg	China	≠ ₩
			Hybrid Suede	22K-S7018	0.5mm(±0.07mm)	130cm	NY60/PU40	L/2.5kg C/2.6kg	Japan	
FUNCTIONS 🗲 CONDUCTIVE 🚱 VARIETY OF COLOR OPTIONS 🚱 REDUCTION OF ENVIRONMENTAL LOAD 🛆 RECYCLE # BREATHABLE										

IMPROVED GRIP

9

SUPERIOR SOFTNESS AND HAND FEELING

HIGH ABRASION RESISTANCE

ZERO COLOR BLEEDING

🖾 EXCELLENT STRETCH

JAPAN

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