

CATALOG

PHOTOLUMINESCENT PRODUCTS



Photoluminescent
Tapes



Photoluminescent
Escape Signs



Photoluminescent
Fire Safety Signs



Photoluminescent
Coatings



Photoluminescent
Plastic Glow Chains





About company

First of all, AAA Vietnam would like to send our respectful greetings, all best wishes for your health and more prosperous business to our partners, customers and colleagues.

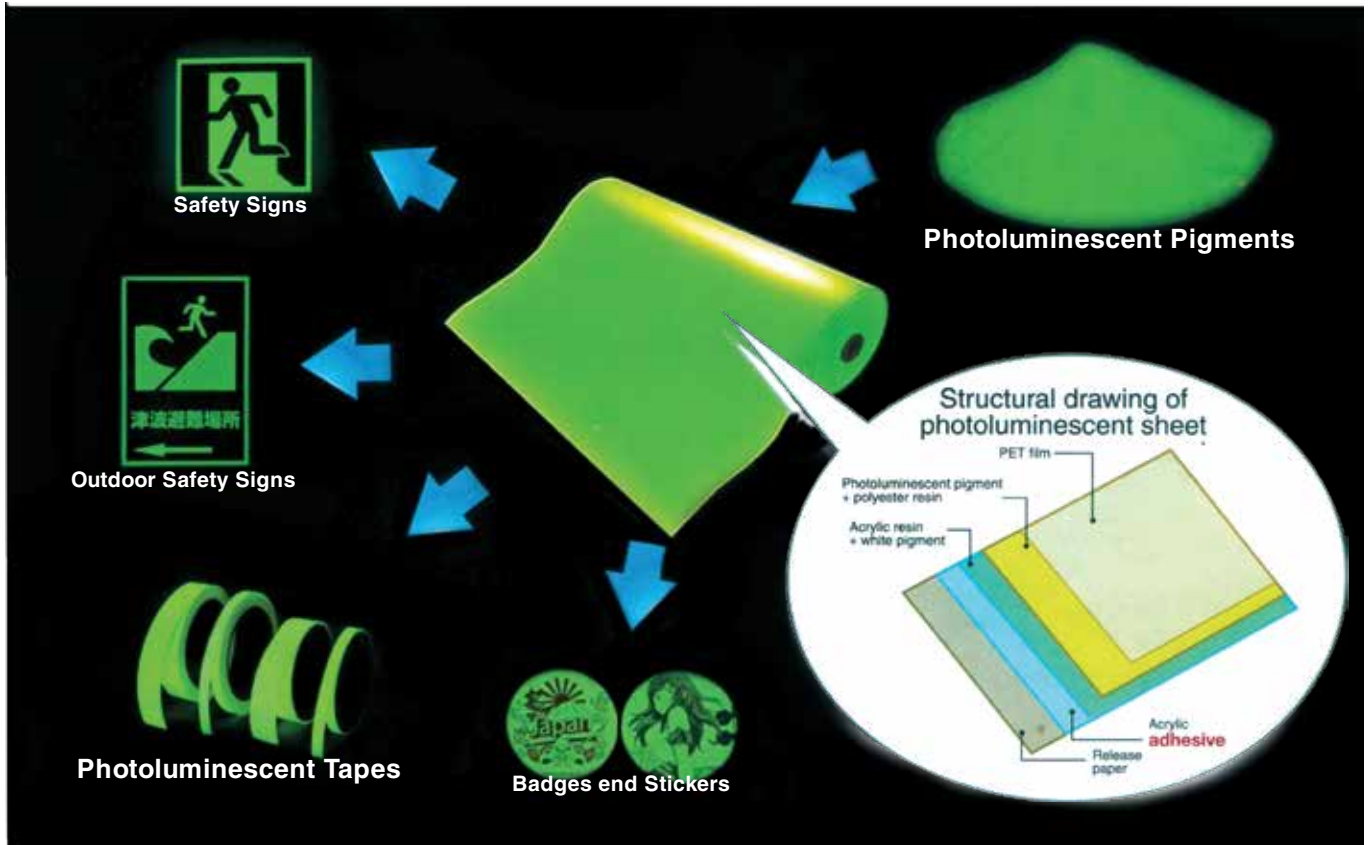
AAA Vietnam was established in 2012 and is one of the first companies specializing in producing and distributing luminous products in Vietnam market. Through 5 years of operation, AAA has always tried and made every effort to improve itself to become a leading manufacturer and supplier of the luminous products in Vietnam. AAA always offers the luminous products at competitive prices to customers. The materials for all AAA products are imported from US-based PARAMOUNT.INC Company. Therefore, our products are always appreciated for quality and widely used in Vietnam.

The products of AAA Vietnam are highly appreciated by domestic and foreign customers, especially Korean ones. Some major customers have become AAA's trusted partners such as Vinmec, Samsung, LG...

Finally, we would like to express our sincere thanks for the dear customers' patronage during the past time. Thanks to this support, AAA Vietnam staffs always live and work with the motto "Make all efforts for customer's goals"



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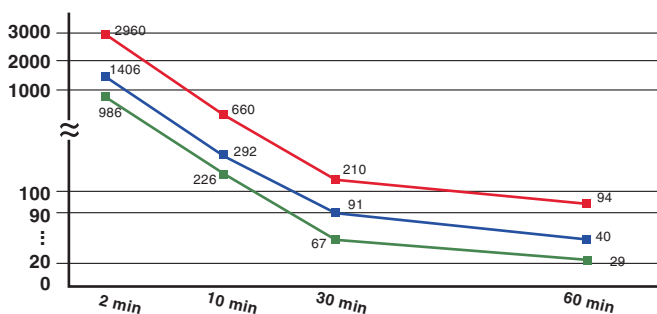


- ➔ One of the Best Photoluminescent Products in the world
- ➔ Environmentally - Friendly, Non-Toxic, Non - Radioactive
- ➔ Extremely Durable
- ➔ Easy Installation, Just stick it on the construction surface

DIN - CLASS E				
Code: SAFR				
Elapsed time (min)	2 min	10 min	30 min	60 min
Luminance (mcd/m ²)	2960	660	210	94
DIN - Class E	2200	520	170	70
Size	1200 mmx30 M		Thickness	0.56mm

DIN - CLASS D				
Code: AFR				
Elapsed time (min)	2 min	10 min	30 min	60 min
Luminance (mcd/m ²)	1406	292	91	40
DIN - Class D	1100	260	85	35
Size	1200 mmx30 M		Thickness	0.32mm

DIN - CLASS C				
Code: LAFR				
Elapsed time (min)	2 min	10 min	30 min	60 min
Luminance (mcd/m ²)	986	226	67	29
DIN - Class C	690	140	45	20
Size	1200 mmx30 M		Thickness	0.22mm



DIN67510-4:2008-2 Sub-classification	Minimum luminance (mcd/m ²) after a decay time of			
	2 min	10 min	30 min	60 min
A	108	23	7	3
B	210	50	15	7
C	690	140	45	20
D	1100	260	85	35
E	2200	520	170	70

* Measurement of the photoluminescence according to DIN 67510-4:2008-2
 Testing Institution: SAFR/AFR...Federal Institute of Metrology METAS Schweizerische Eidgenossenschaft LAFR...LTI Corporation



What is a Safety Guidance System ?

A safety guidance system aims at guiding persons out of the building as fast and safely as possible. A photoluminescent safety guidance system enhances the escape speed and orientation. It thereby ensures safe and fast escape from the dangerous area (e.g. in case of smoke development).

This objective of protection can be realized in a profitable way by means of the photoluminescent safety guidance system. It includes photoluminescent guidance strips, signs and markings. The luminous pigments are excited by daylight or the general lighting and release the stored energy in the darkness as greenish yellow light.

In case of a photoluminescent safety guidance system near the floor, the shortest escape route out of the building is marked clearly and continuously (instructions in this respect can be found in BGR 216). These guidance strips are complemented by signs according to BGV A8 which are fastened at face level. Obstacles in the escape route such as protruding edges or steps are to be marked,

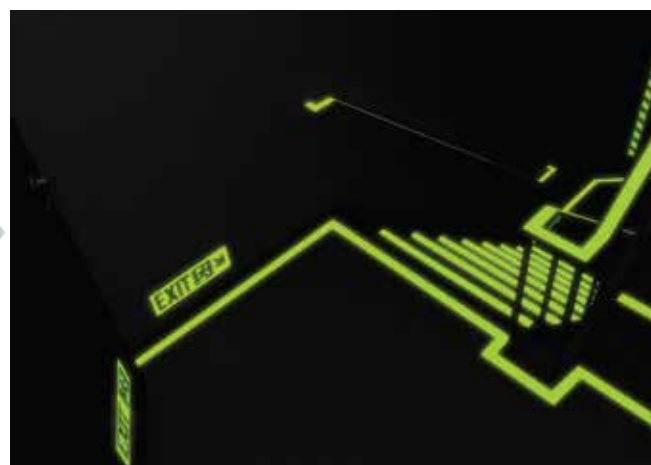
too. This, all possible obstacles in the escape route are clearly visible and do no longer present a danger. In case of power failure, the information required at this moment is given by the guidance strips. As this marking is mainly fastened near the floor, it is also still visible in case of smoke development.

By dividing the flow of persons evenly, the main escape routes are relieved, as fleeing people almost always want to take the same way out of the building as in. The fleeing person has the comforting feeling of being guided out of the building as quickly as possible and is thereby relieved psychically.



Rolls, Photoluminescent tapes made Polycarbonat material, self-adhesive ATP adhesive. Photoluminescent tapes have 5 color.

Size	Green	Green/Blue	Blue	Orange/pink	Orange/yellow
10mm x 3 M	FG1003	FGB1003	FB1003	FOP1003	FGY1003
20mm x 3 M	FG2003	FGB2003	FB2003	FOP2003	FGY2003
50mm x 3 M	FG5003	FGB5003	FB5003	FOP5003	FGY5003
10mm x 5 M	FG1005	FGB1005	FB1005	FOP1005	FGY1005
20mm x 5 M	FG2005	FGB2005	FB2005	FOP2005	FGY2005
50mm x 5 M	FG5005	FGB5005	FB5005	FOP5005	FGY5005
10mm x 10 M	FG1010	FGB1010	FB1010	FOP1010	FGY1010
20mm x 10 M	FG2010	FGB2010	FB2010	FOP2010	FGY2010
50mm x 10 M	FG5010	FGB5010	FB5010	FOP5010	FGY5010





Warning rolls

photoluminescent/black, self-adhesive

Type ES 112 (right/ left)	Size (W x H in cm)	1200.0 x 3.0
	Material	Polycarbonat
Type ES 122 (right/ left)	Size (W x H in cm)	2500.0 x 3.0
	Material	Polycarbonat
Type ES 113 (right/ left)	Size (W x H in cm)	1200.0 x 6.0
	Material	Polycarbonat
Type ES 123 (right/ left)	Size (W x H in cm)	2500.0 x 6.0
	Material	Polycarbonat



Warning rolls

photoluminescent/red, self-adhesive

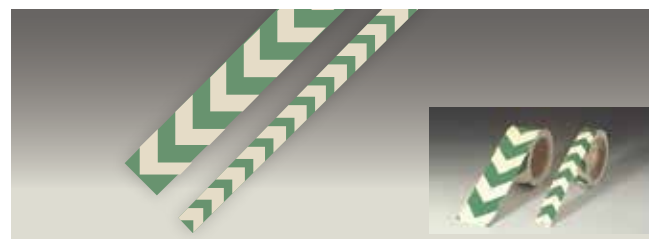
Type ES 112 (right/ left)	Size (W x H in cm)	1200.0 x 3.0
	Material	Polycarbonat
Type ES 122 (right/ left)	Size (W x H in cm)	2500.0 x 3.0
	Material	Polycarbonat
Type ES 113 (right/ left)	Size (W x H in cm)	1200.0 x 6.0
	Material	Polycarbonat
Type ES 123 (right/ left)	Size (W x H in cm)	2500.0 x 6.0
	Material	Polycarbonat



Warning rolls / directional arrow

photoluminescent/green, self-adhesive

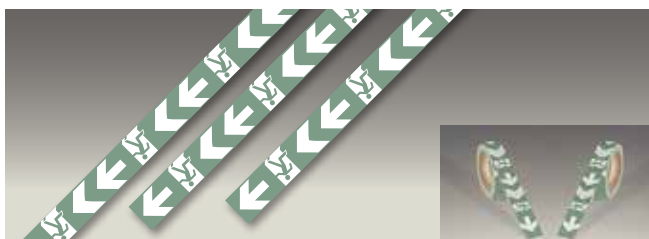
Size (W x H in cm)	1200.0 x 3.0	2500.0 x 3.0	1200.0 x 6.0	2500.0 x 6.0
Material	Polycarbonat			



Marking roll / escape route symbol

green/photoluminescent, self-adhesive

Escape route right	Size (W x H in cm)	2000.0 x 4.0
	Material	Polycarbonat
Escape route left	Size (W x H in cm)	2000.0 x 4.0
	Material	Polycarbonat





Warning rolls

self-adhesive photoluminescent and day light fluorescent all-over or shaded

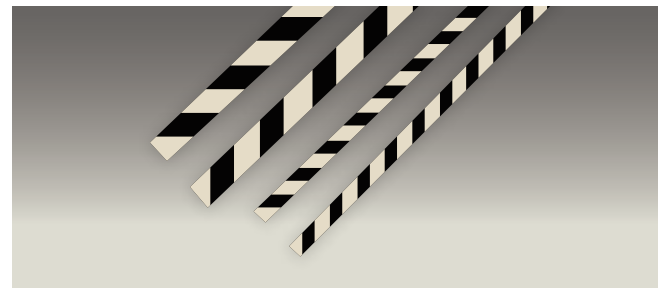
Size (W x H in cm)	500.0 x 5.0	500.0 x 5.0	500.0 x 5.0
Material	Polycarbonat		
Size (W x H in cm)	2500.0 x 5.0	2500.0 x 5.0	2500.0 x 5.0
Material	Polycarbonat		



Warning stripe

photoluminescent/black, self-adhesive

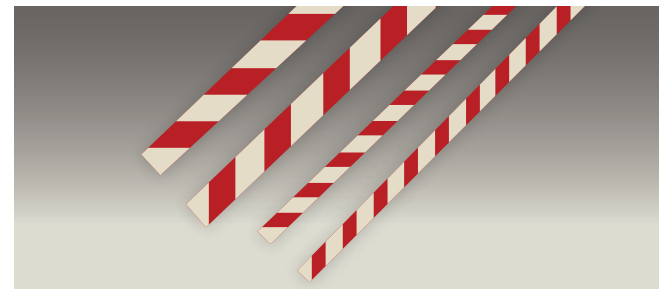
Type ES 211 (right/ left)	Size (W x H in cm)	100.0 x 1.5
	Material	Polycarbonat
Type ES 212 (right/ left)	Size (W x H in cm)	100.0 x 3.0
	Material	Polycarbonat
Type ES 213 (right/ left)	Size (W x H in cm)	100.0 x 6.0
	Material	Polycarbonat



Warning stripe

photoluminescent/red, self-adhesive

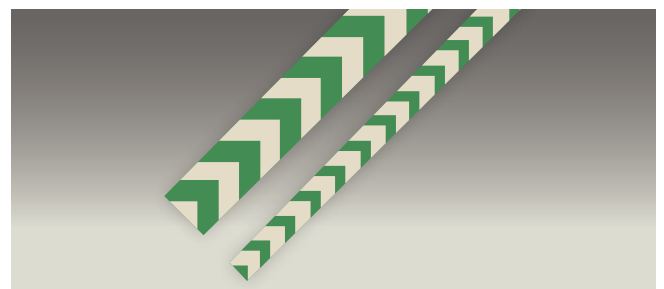
Type ES 211 (right/ left)	Size (W x H in cm)	100.0 x 1.5
	Material	Polycarbonat
Type ES 212 (right/ left)	Size (W x H in cm)	100.0 x 3.0
	Material	Polycarbonat
Type ES 213 (right/ left)	Size (W x H in cm)	100.0 x 6.0
	Material	Polycarbonat



Warning stripe / directional arrow

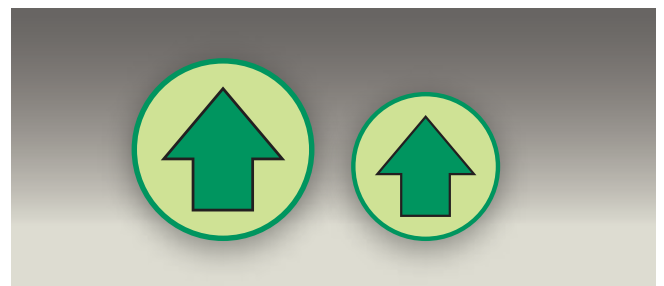
photoluminescent/green, self-adhesive

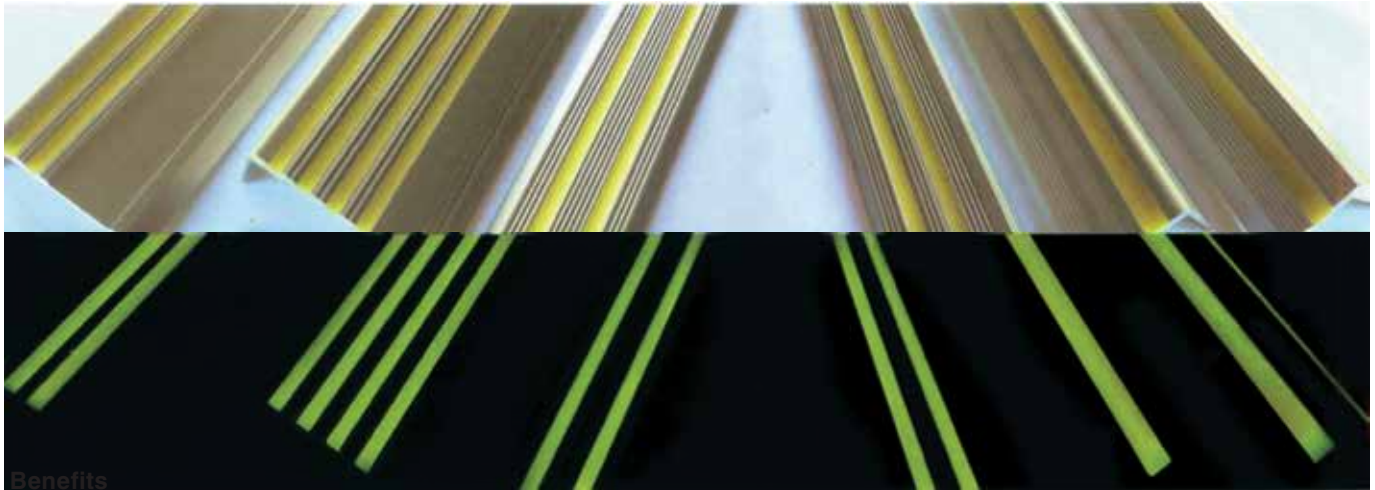
Size (W x H in cm)	100.0 x 3.0	100.0 x 6.0
Material	Polycarbonat	Polycarbonat



Floor-marking arrows / Discs with directional arrow

Floor-marking arrows / Discs with directional arrow			
Green /photoluminescent, self-adhesive	Size (mm)	Ø 70	Ø 100
	Material	Polycarbonat	
	Color	Green	





Benefits

Benefits

- ➔ Amazingly bright!
- ➔ Extremely Durable
- ➔ For indoor and outdoor applications
- ➔ Strong protective layer in Photoluminescent areas
- ➔ Easy Installation, Just stick it on the construction surface

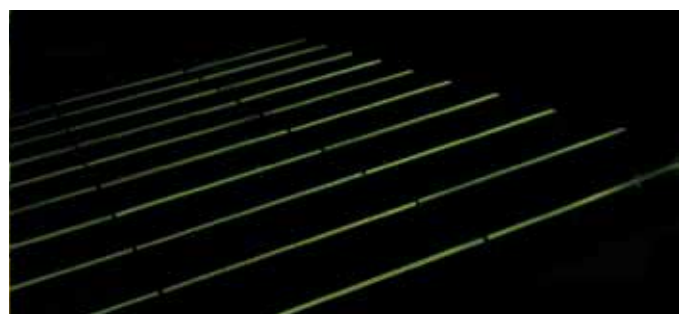
Aluminum Photoluminescent Stair Nosings

Code: HAS3603 Weight: 250 g/m 	Code: HAS5922 Weight: 510 g/m 	Code: HAS5320 Weight: 380 g/m
Code: HAS3413 Weight: 286 g/m 	Code: HAS3520 Weight: 332 g/m 	Code: HAS3030 Weight: 413 g/m

Luminance Data

Elapsed time	2 minutes	10 minutes	30 minutes	60 minutes
Luminance (mcd/m ²)	5179	1071	280	105
Specification of DIN 67510 Class E	2200	520	170	70

Installation Example





Exit Signs



Exit

Code	201D	201G
Size (W x H in mm)	300mmx300mm	150mmx150mm

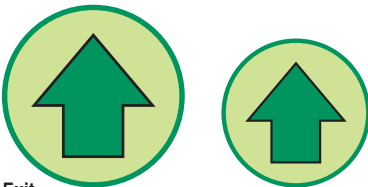
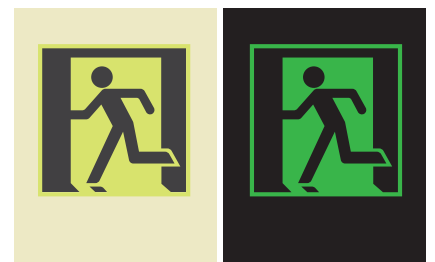


Emergency exit right

Code	202D	202G
Size (W x H in mm)	300x300	150x150



Emergency exit left



Exit

Color	Green	
Size (W x H in mm)	T0,5 x Ø 100mm	T0,5 x Ø 70mm



Directional arrow right

Code	203D	203G
Size (W x H in mm)	300x300	150x150



Directional arrow left



Directional arrow down

Code	204D	204G
Size (W x H in mm)	300x300	150x150



Directional arrow up



Size (W x H in cm)	39.0 x 11.5
Material	Polycarbonat



Size (W x H in cm)	39.0 x 11.5
Material	Polycarbonat



Size (W x H in cm)	39.0 x 11.5
Material	Polycarbonat



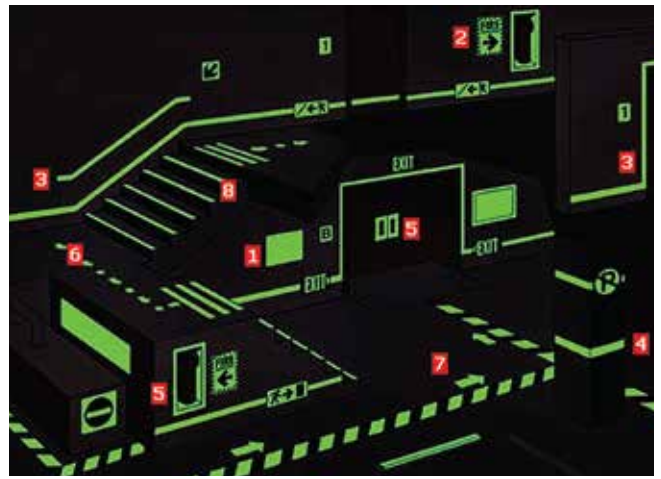
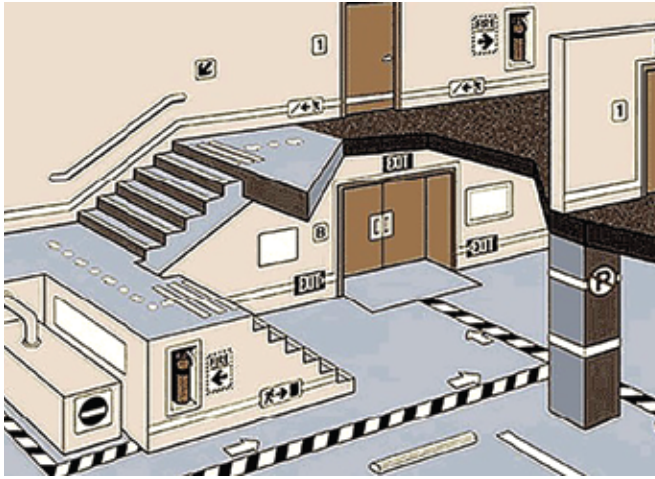
Size (W x H in cm)	39.0 x 11.5
Material	Polycarbonat



Size (W x H in cm)	39.0 x 11.5
Material	Polycarbonat



Size (W x H in cm)	39.0 x 11.5
Material	Polycarbonat



Escape route right - 301 (H/I/J/K)



Escape route left - 302 (H/I/J/K)

Code	H	I	J	K
Size (W x H in mm)	100X200	150x300	200x400	250x500



Escape route right - 305 (H/I/J/K)



Escape route left - 306 (H/I/J/K)

Code	H	I	J	K
Size (W x H in mm)	100X200	150x300	200x400	250x500



Escape route right - 303 (H/I/J/K)



Escape route left - 304 (H/I/J/K)

Code	H	I	J	K
Size (W x H in mm)	100X200	150x300	200x400	250x500

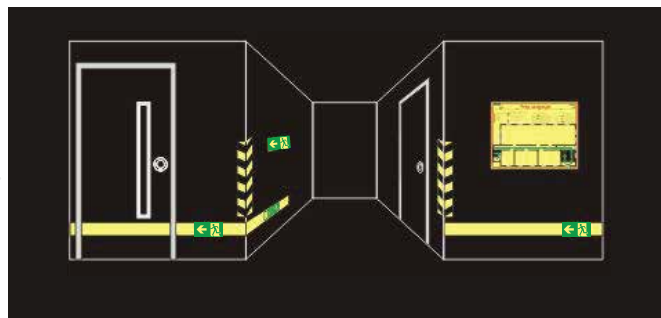
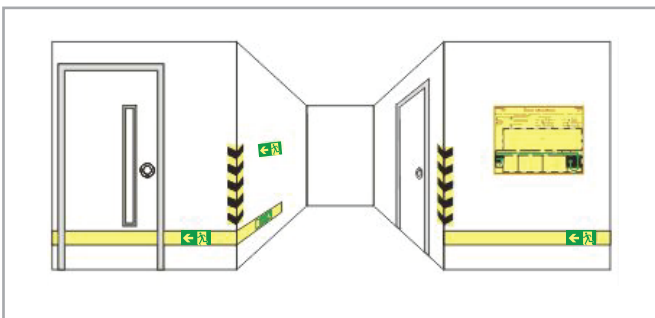


Escape route right - 307 (H/I/J/K)



Escape route left - 308 (H/I/J/K)

Code	H	I	J	K
Size (W x H in mm)	100X200	150x300	200x400	250x500





Emergency Exit Door Signs



401 (E/F/G)	402 (E/F/G)	403 (E/F/G)	404 (E/F/G)
Code	E	F	G
Size (W x H in mm)	70X70	100X100	150X150

405 (E/F/G)	406 (E/F/G)	407 (N)	408 (N)	
Code	E	F	G	N
Size (W x H in mm)	70X70	100x100	150x150	100x150

Stairway Floor Number Signs



Code	501			
Size (W x H in mm)	150X150		150X300	

Code	502			
Size (W x H in mm)	150X150		150X300	



Color ■ ■
Size (mm) T 0.25x480x300



Color ■ ■
Size (mm) 594x420



Color ■ ■
Size (mm) 480x480



Color ■ ■
Size (mm) T 0.5x Ø 600



Color ■ ■
Size (mm) T 0.25x480x300



Color ■ ■
Size (mm) T 0.25x480x300



Color ■ ■
Size (mm) T 0.25x480x300



Color ■ ■
Size (mm) T 0.5x300x600



Color ■
Size (mm) T 0.5x200x300



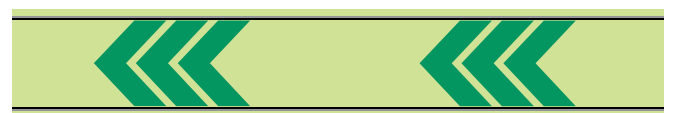
Color ■ ■ ■
Size (mm) 260x460



Color ■ ■ ■
Size (mm) 110x490



Color ■ ■ ■
Size (mm) 40x400



Color ■ ■
Size (mm) 100x600



Fire Safety Signs



601 (E/F/G)

Code	E	F	G
Size (mm)	70X70	100X100	150X150



602 (E/F/G)

Code	E	F	G
Size (mm)	70X70	100X100	150X150



603 (E/F/G)

Code	E	F	G
Size (mm)	70X70	100X100	150X150



604 (E/F/G)

Code	E	F	G
Size (mm)	70X70	100X100	150X150



605 (E/F/G)

Code	E	F	G
Size (mm)	70X70	100X100	150X150



606 (E/F/G)

Code	E	F	G
Size (mm)	70X70	100X100	150X150



607 (E/F/G)

Code	E	F	G
Size (mm)	70X70	100X100	150X150



608 (E/F/G)

Code	E	F	G
Size (mm)	70X70	100X100	150X150



609 (E/F/G)

Code	E	F	G
Size (mm)	70X70	100X100	150X150



610 (E/F/G)

Code	E	F	G
Size (mm)	70X70	100X100	150X150



Emergency Shutdown Sign 611 (E/F/G)

Code	E	F	G
Size (mm)	70X70	100X100	150X150



Color	Red
Size (mm)	170 x 170 x 300

Hướng dẫn sử dụng họng chữa cháy trong nhà

User Manual Indoor Fire Hydrant.

1. Nhấn nút phát tín hiệu bằng tay ở phía trên tủ, sau đó mở cửa tủ họng chữa cháy và kéo đường ống vào bên trong trong trường hợp cháy.
Push the Fire Signal button. Open the hydrant cabinet and then take the hose out.

2. Mở van theo hướng ngược kim đồng hồ, mở từ từ và kéo đường ống ra ngoài.
Open to the valve slowly and fully by turning counterclockwise.

3. Giữ ống phun phía thẳng thừng trong để chữa cháy.
Keep aiming at the flames with fire hose (and extinguishing).

Nội dung cần kiểm tra

- Khi đường dây ống ngắn thì kết nối với đường ống dự phòng của các họng chữa cháy bên cạnh để sử dụng.
- Quản lý để đảm bảo đường ống và đầu vòi luôn trong trạng thái kết nối.

Nội dung cần chú ý

Quản lý bộ phận	
Người chịu trách nhiệm quản lý	
Đồ vật	Đường ống, đầu vòi

Color	Red
Size (mm)	T 0.5x205x245

Bình chữa cháy

Phương pháp sử dụng

- Tháo chốt an toàn
- Hướng đầu vòi về điểm cháy
- Bóp cò

Nội dung cần chú ý

Bảo quản cách ly với nơi có nhiệt độ cao

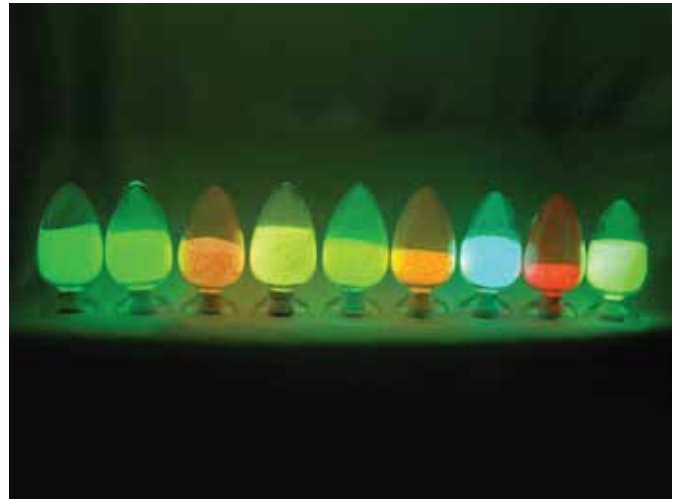
Cẩn tiếp xúc với nước hoặc ẩm

Quy định nghiêm ngặt chữa và phun tay từ độ

Số quản lý: _____ Ngày thu nhận nhận quản lý: _____
 Bộ phận quản lý: _____ Ngày trả tiếp quản lý: _____

Nhì phát sinh vấn đề gì liên quan tới bình chữa cháy thì làm on liên lạc ngay cho bộ phận PCCC.

Color	Red
Size (mm)	T 0.5x260x190



Benefits

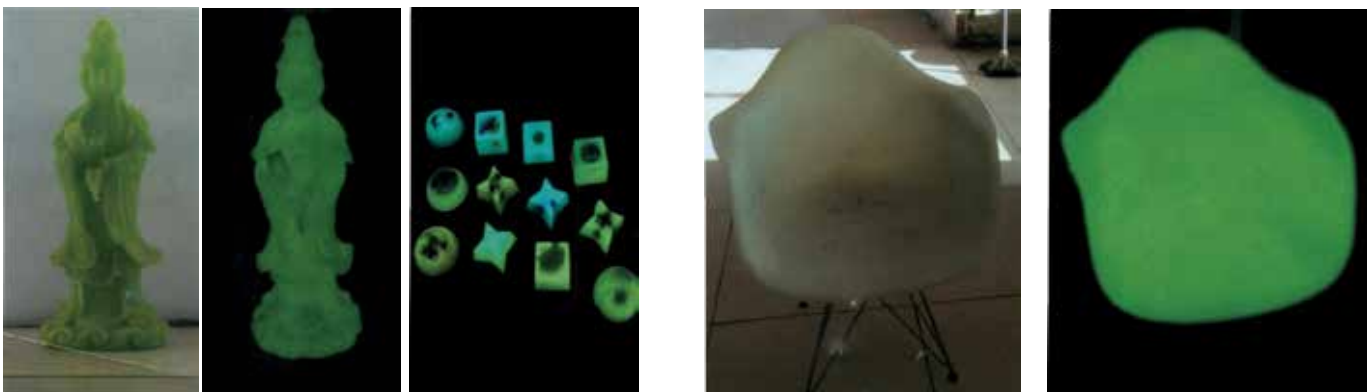
- ➔ Environmentally – Friendly, Non-toxic, Non-radioactive
- ➔ Long decay time, extremely high performance
- ➔ LED-light-source-compatible

Pigment color	Grade	Afterglow luminance (mcd/m ²)			
		2 minutes	10 minutes	30 minutes	60 minutes
Yellow-Green	★ ★ ★ ★	1611	394	127	60
	★ ★ ★ ★ ★	1151	282	91	43
	★ ★ ★ ★ ★ ★	2052	484	150	68
Pink	★ ★	489	111	34	15
Orange	★ ★	389	93	28	12
Blue-Green	★ ★ ★ ★	1200	311	91	37

Notice:

- ➔ Insoluble in organic solvents, water
- ➔ Decomposition by strong acids, strong alkalines
- ➔ Fastness to heat -40~500 °C

Examples of use





PHOTOLUMINESCENT SPRAY

They are very sticky thanks to its formula of solvent-based paint high light output , resistant to both inner and outer. Composed by acrylic resins and thermoplastic copolymers of high quality



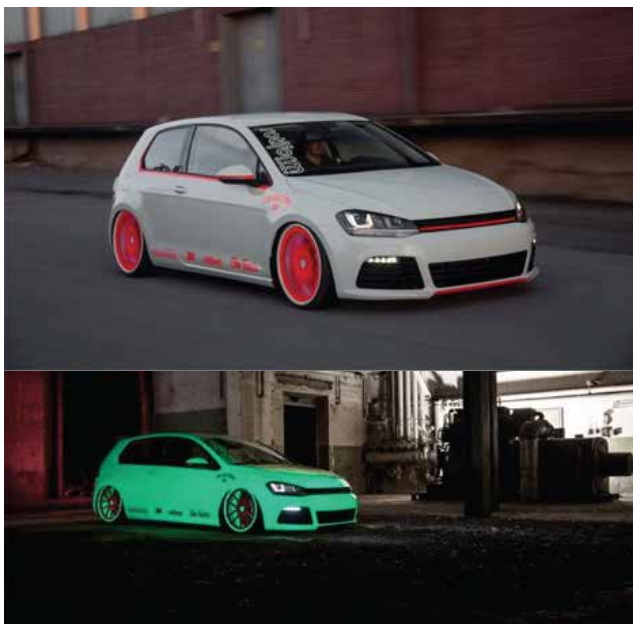
Benefits

- Not limited by the size of the shape, convex surface, arc, etc. can be a good protection.
- Good physical resistance and chemical resistance, waterproof, oil, dirt, scratch, bump, acid rain, dust, fingerprint, acid and alkali corrosion, high temperature and so on.
- Do not hurt the substrate, leaving no trace.
- Environmentally-Friendly, non-toxic, non-radioactive ,non heavy metal material

Size/Price	150ml	450ml
Colour in the dark	Green/Blue	Green/Blue

Use

- Clean dust the surface of the workpiece and wipe away the water
- Covering materials and adhesive tape will need to spray around the part, forming a boundary to prevent over-range spraying
- Spray white background, spray 3 times each time 10 minutes apart, sprayed about 20cm
- Spray paint luminous also 3 times each time 10 minutes apart, sprayed about 20cm
- Pay attention when wet paint is applied
- Then let dry for 2 hours. Keep in shade cooler below 50C, do not let the fire edge





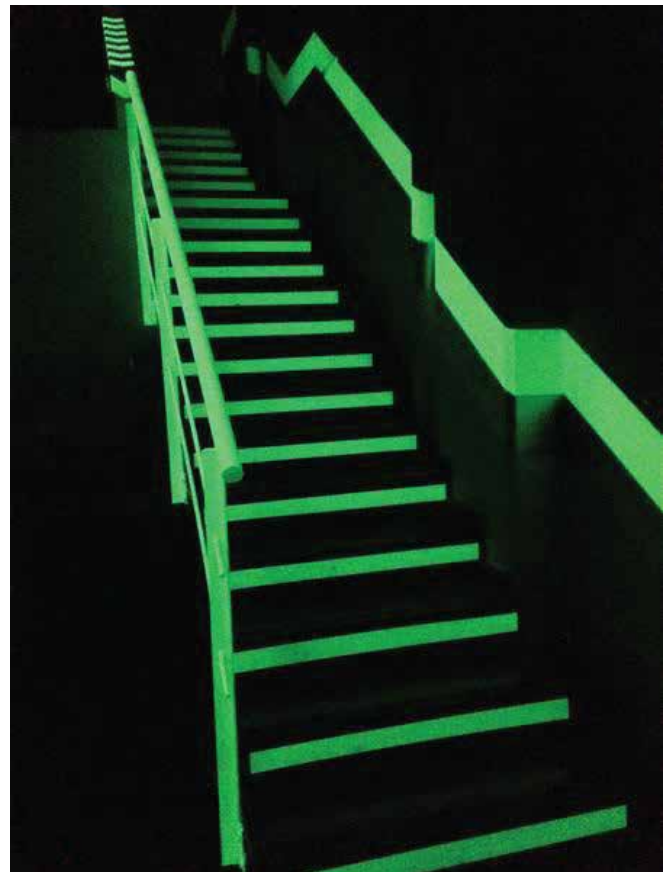
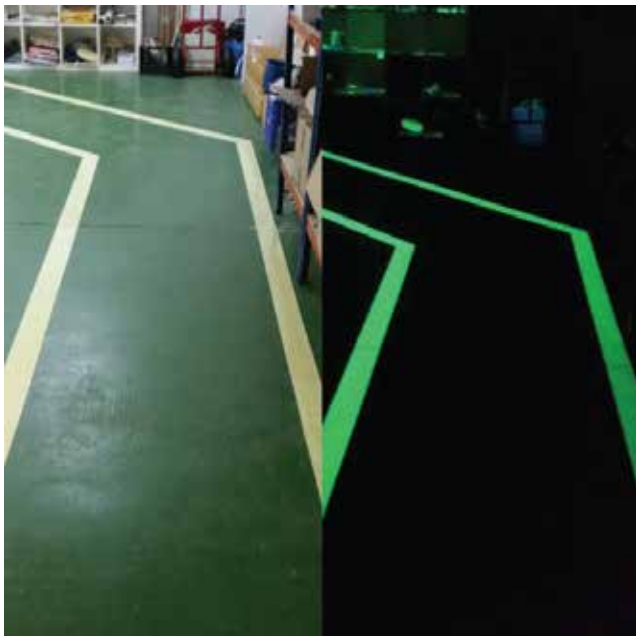
➔ PHOTOLUMINESCENT COATING

We use highly intensive luminescent pigments which load quickly and also feature an extremely long decay time. Whether traffic by fork lift trucks or soiling by chemicals, luminescence paint surface glossy smooth.

Photoluminescent Coating, ideal for use with metal, glass, timber, concrete, parking and roads. Special indoor (warehouses, carparking, subways, airports, shopping centers, etc...). It's easy application by brush or spatula, as well as its excellent resistance properties and maintaining optimum brightness outdoor. We would like also to highlight its hardness, flexibility and resistance to weight. Fast curing. Apply directly on white or clear surfaces. We have white base.

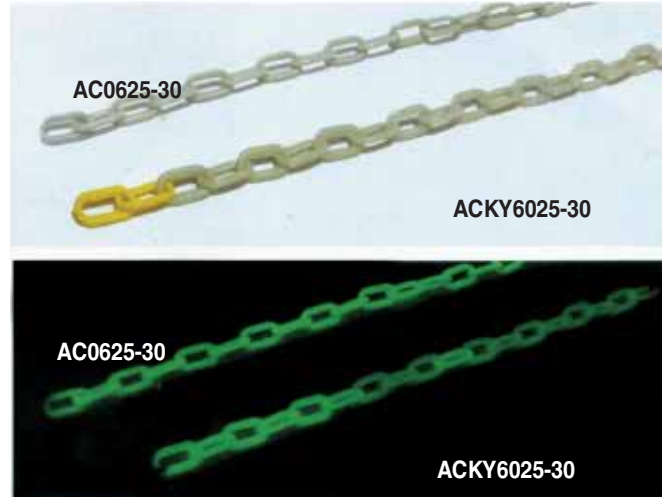


Net weight (g)	1000, 500, 250
Colour	Green/Blue





Photoluminescent Plastic Glow Chains



Benefits

- Visible in daylight and in the dark
- Extremely strong and durable
- Meet "NETIS" standard (Japanese Government Certification)
- For indoor and outdoor applications

Plastic Glow Chains

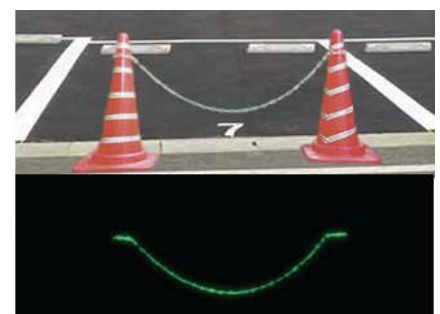
Code	Types	Length	Color	Wire diameter (max.)	Tensile strength
AC0625-30	NETIS registered product Alpha Chain < Photoluminescent type >	25 m	Photoluminescent	6 mm	25 kg
ACKY6025-30	Alpha Chain < Combination type(yellow) >		Photoluminescent Yellow		

Glow Color: Green

Luminance Data

Elapsed time	2 minutes	10 minutes	30 minutes	60 minutes
Luminance (mcd/m ²)	1503	319	88	28
Specification of DIN 67510 Class C	690	140	45	20

Installation Example





➔ PHOTOLUMINESCENT FABRIC

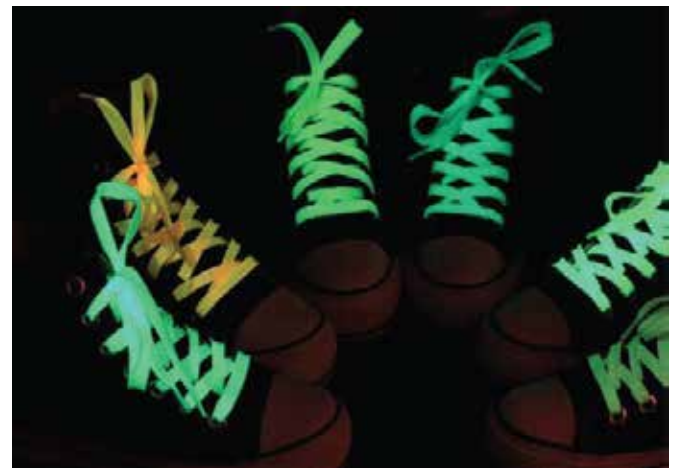
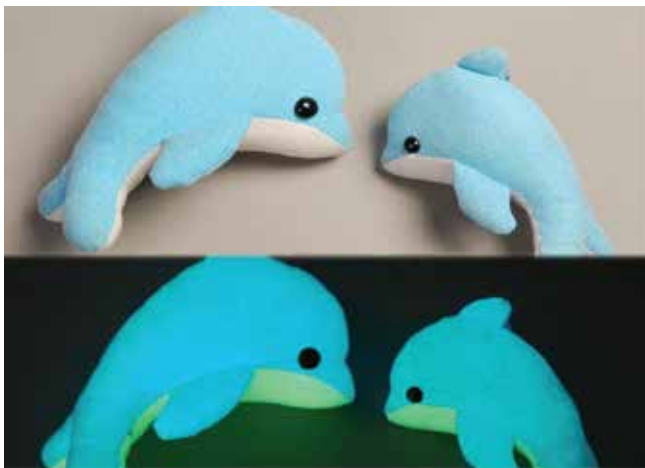


Benefits

- ➔ The color does not fade, can be free to wash, ironing, cutting.
- ➔ Non-toxic, non - radiation, no pollution
- ➔ Used for umbrella , shower curtain, warning clothes, toys, clothing, shoes
- ➔ The environment adaptability, with excellent heat resistance, cold, water, no bleaching and other properties.
- ➔ The surface by light uniform, good finish, do not shrink.

Material	Polyester Fabric	Polyester Fabric
Size (m)	1m24 width	1m55 width
Colour in the dark	Green	Green

➔ PHOTOLUMINESCENT VELVET FABRIC

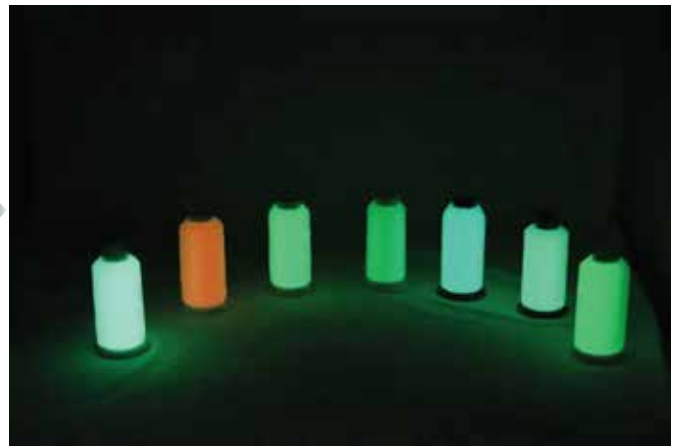


Benefits

- ➔ Visible in the dark fluoresce 4-6 hours
- ➔ Environmentally-Friendly, non-toxic, non-radioactive
- ➔ Multiple colors available from stock
- ➔ Used for textile, knitting, hook, weaving, embroidery, cross stitch and other fields

Material	Velvet Fabric
Size (m)	1m5 width
Colour in the dark	Light yellow, Sky blue, Orange, Red, Pink, Light blue, Yellow

Textiles: curtains, slippers, carpets, bags, shoes, underwear, umbrellas, doll shirt, bra, gloves, hats



Benefits

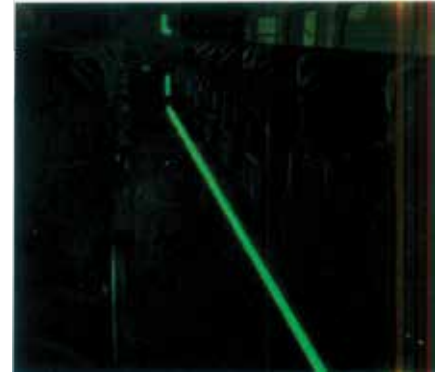
- ➔ Visible in the dark fluoresce 12-14 hours
- ➔ Environmentally-Friendly, non-toxic, non-radioactive
- ➔ Multiple colors available from stock

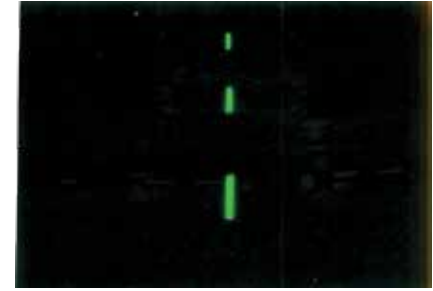
Photoluminescent Clew is used for

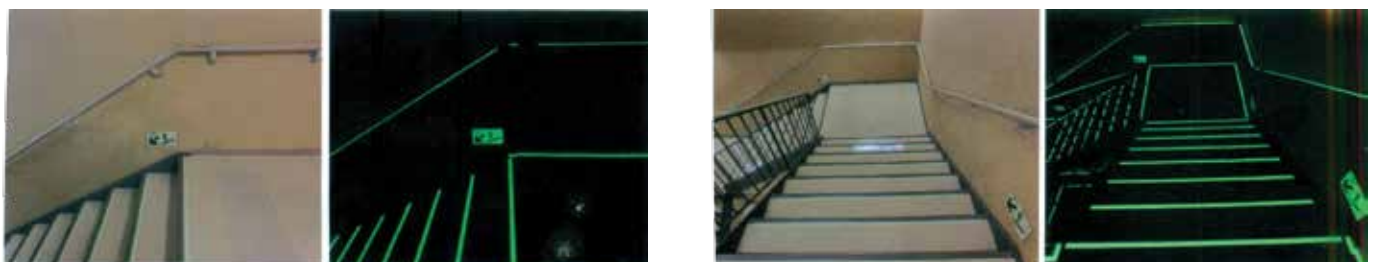
Industrial sewing thread, embroidery thread, clothing fabric, clothing and decorative fabric weaving, underwear, curtains, tablecloths, shoelaces, mobile phone straps,...

Size	915 mile of length	2745 mile of length
Color	Pink, Green, Light green, Blue, Yellow, Beige, White	











Contact us

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