

Product Name : Photoluminescent self-adhesive vinyls
(Inkjet printing type)

Product Model : HFG-030,HFG-050,HFG-100,
HFG-150,HFG-200, HFG-300, HFG-500

Application Scopes:

The PL self-adhesive vinyl is a luminescent product produced on the basis of long afterglow photoluminescent powder. It is a photoluminescent film made of hard PVC, very suitable for inkjet printing (Solvent ink) backed with adhesive paper, nontoxic and harmless. It doesn't contain any radioactive elements and is characterized by quick light absorption, longer afterglow and longer service life. Cut the PL film into different shapes and print, could be applied in the following places:

Indicate Position: It can be used to indicate its location such as Electrical switches, control panels, wall switches, plugs, sockets,

locks, flashlights, door handles, handrails, fire extinguishing equipment, fire alarms Lifesaving Appliances etc.

Security identifier: Can be printed and made into safety labels, applied to Emergency evacuation channels, subway stations, underground tunnels, Civil Air defense works, karaoke halls, dance halls, cinemas, supermarket stores, hospitals, railway stations, airports, terminals and other places. Act as a security Warning and guide the escape path.

Product Parameters:

Appearance: Light yellow

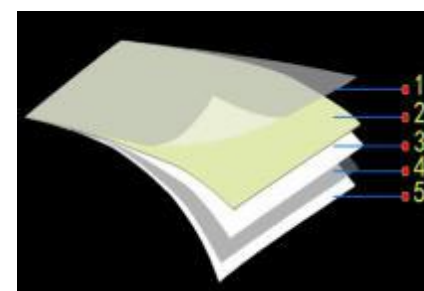
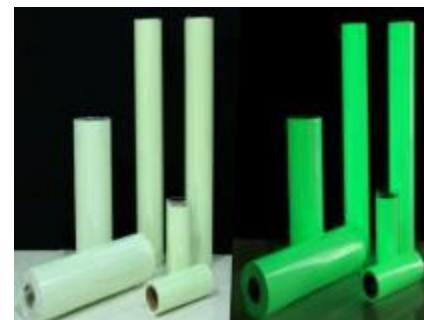
Glowing color: Yellow-green

Size : Width 1M, Length 25M or 50M per roll.

Back adhesiveness: >1.2 kgf/25mm (After 24 hours, 180° Adhesion)

Glow properties (Test Standard: DIN 67510-part 1,D65 Standard light source after being excited for 5 min by 1000 LUX.)

Model	AFTERGLOW INTENSITY(mcd/ sqm)		AFTERGLOW TIME (min)	Thickness (mm)	Weight (Kg/m ²)
	10min	60min			
HFG-030	>23	>3	>400	0.19	0.42
HFG-050	>50	>7	>800	0.19	0.45
HFG-100	>100	>12	>1200	0.28	0.61
HFG-150	>150	>20	>1800	0.29	0.63
HFG-200	>210	>30	>2500	0.31	0.68
HFG-300	>300	>40	>4000	0.35	0.76
HFG-500	>500	>68	>5000	0.60	1.40



1. Transparent protective layer
2. Emitting layer
3. White base
4. Adhesive layer
5. Release paper layer

Instruction:

1. Afterglow time refers to the time required for the luminosity to decay to 0.32mcd/sqm.
2. Thickness is not include adhesive layer and paper layer.

Product Characteristics:

- 1 、 The luminescent film made of PVC plastics has a certain flame-retardant property.
- 2 、 Easy for inkjet and silk-screen.
- 3 、 With a certain salt-resistant (detergent can be used to clean).
- 4 、 With excellent heat and cold resistance, can be applied to-20~65C environment.
- 5 、 Luminescent film has good physical and mechanical properties, excellent weather performance, outdoor life
4-6 years, 6-8 years in the indoor.
- 6 、 Luminescent film is instant paste, can be affixed to the surface of ordinary objects.

Usage and Notice:

- 1 、 Should be in the flat surface construction, the construction temperature should be 10~40C .
- 2 、 The luminescent film can be cut into a variety of shapes, directly affixed to a place (such as telephones, switches, etc.) to play a decorative, indicative role.
- 3 、 On the surface of luminescent film silk screen printing pattern, text etc. Forming a substrate glow.
- 4、 When affixed to the surface of the object should firstly clear the surface of the object, surface can not have oil, dust, etc.
- 5 、 The luminescent film has a certain thermal expansion. After slicing the light-emitting film can not be placed at will, should be clamped or heavy pressure, to prevent deformation and roll edge.
- 6 、 Remove the release paper of the luminescent paper when using. The luminescent film must be pressed and formed on the surface of the treated object.
- 7 、 Different batches luminescent film will have a certain color difference even it is the same type.
- 8 、 The length exceeds 10M will have the joint.
- 9 、 The surface of the luminescent film will accumulate ash for a long time, it will affect the luminous brightness.

Using a small amount of clean water, regularly clean up the surface of luminescent film.

It is prohibited to use solvent type to clean the luminescent film. Preventing the water enter the back of the film to avoiding it fall off.