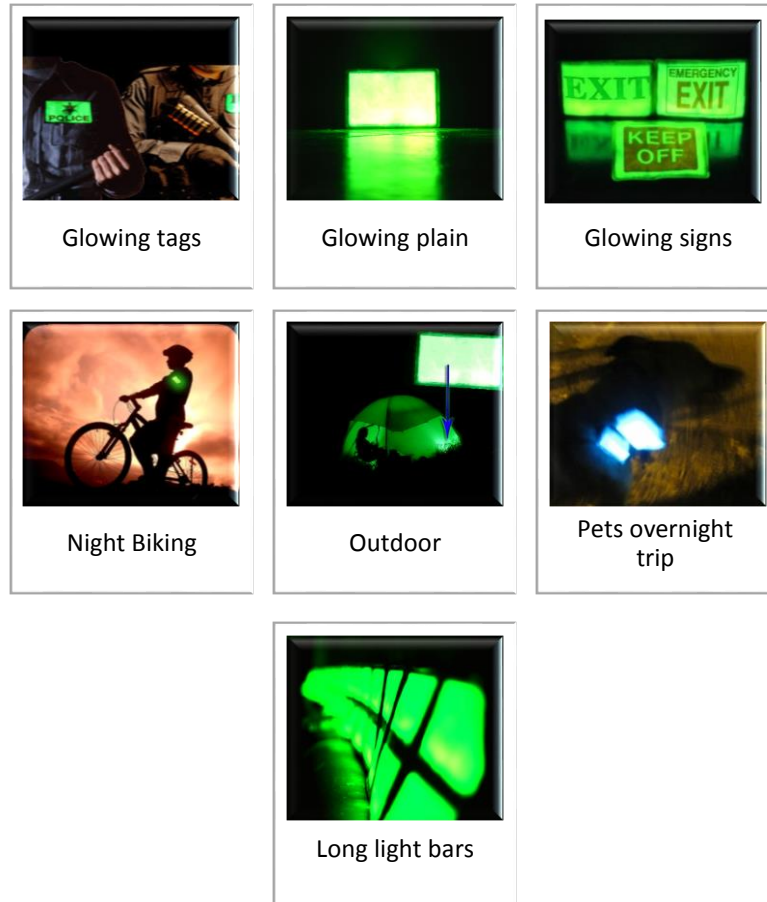


GLOWPAD TECHNOLOGY ENABLES A THIN AND FLEXIBLE SURFACE OF ANY SIZE, SHAPE, OR COLOR TO ILLUMINATE



Glowing tags

Glowing plain

Glowing signs

Night Biking

Outdoor

Pets overnight trip

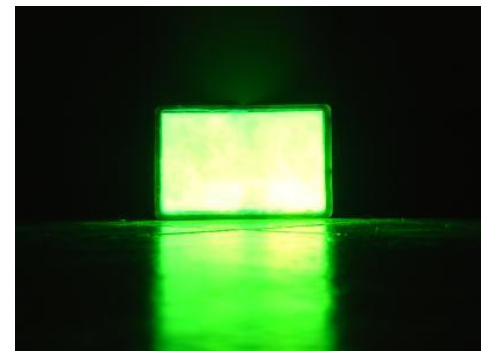
Long light bars

THE GLOWPAD

The glowpad is a unique and innovative product, offering endless, indoor and outdoor uses. When having a glowpad, you don't need to worry about batteries, or how to hold it when you need your hands free to work, or what will happen if it falls on the ground. Glowpad doesn't need any energy source, it has no moving parts, no glass and is waterproof. Glowpad can be used several times. It's easily stored, it can be folded and has a 4 years lifetime. Make sure glowpad is always around.

GLOWPAD ADVANTAGES IN SHORT

- Can be reactivated in stages
- Activating just 4 of the 8 cells will cover the entire surface of the glowpad
- The remaining 4 cells can be activated at a future time
- Control over illumination intensity and duration
- Flexible, 16g, glass free, durable
- Possible to write or design by using a dry erase marker or permanent marker on the glowpad screen
- You can place the glowpad in a variety of places and positions by inserting the edge of the pad in cracks and crevices



POSSIBLE USES OF THE GLOWPAD FOR SAFETY

- Flashlights or when power outages occurs
- Identification
- Instructions and directions signs
- landing areas kits
- In case of S.O.S or (fire) emergency
- Area markers when power outages
- Automobile safety / vehicle marker / traffic control
- Safe non-heat producing light during power outages
- Attach a glowpad to your a personal floatation devices, and many more...

A glowpad is made of a flexible plastic, containing a thin-walled aluminum laminate which have blistered/ pockets (as in the pharmaceutical tablets pills packages).

When the aluminum blisters is mashed and squashed, the thin-walled of aluminum laminate with in the device is torn and breaks and its contents mix with the solution outside.

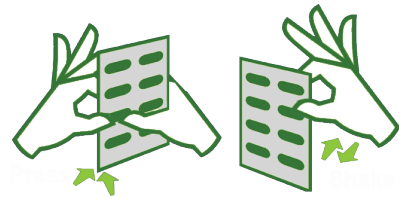
TECHNICAL INFORMATION

- Size of the glowpad: 9.5 X 14.5 cm (3.74 X 5.7 inches)
- Thickness: before use 5.5 mm; after activation 2 mm
- Weight: about 16 grams
- Lighting capacity: 6 to 12 hours when all cells activated at ones (up to 96 hours with operational stages).

HOW TO ACTIVATE

Press on each blister with two thumbs until spots of color appears on the other face of the glowpad, after all the blisters had been crushed, shake and wave the glowpad until it is uniformly glowing.

Activating just 4 of the 8 cells will cover the entire surface of the glowpad. The remaining 4 cells can be activated at a future time.



SAFETY WARNING

- Our products is non – radiate, non – toxic and non – harmful in case of correct use.
- Not for children under the age of 5 years without adults supervision.
- Keep away from high temperatures
- Do not puncture plastic.
- Ingredients are non-toxic but can stain clothing or furniture.
- In case of eye contact, rinse thoroughly with clean water. Will not cause injury to eyes, but may cause temporary discomfort.

WHAT IS THE DIFFERENCE BETWEEN A TRADITIONAL BREAKLIGHT & GLOWPAD?

General Parameters	GlowPad	Breaklight
Number of activations	8	1
Control over illumination	Yes	No
Flexible	Yes	No
Contain glass	No	Yes
flat	Yes	No
safety	Yes	No
Pre Check	Yes	No
Multi colors	Yes	No

Traditional breaklights produce light when two solutions are allowed to mix. The glowsticks consist of a small fragile glass container within flexible outer container. Each container holds one of the two solutions. When the outer container is bent, it breaks the inner container, releasing the first solution into the second solution. After breaking, the tube is shaken to mix the two components. Usually to activate this reaction, you simply bend the glowstick. Since these glowsticks use a chemical reaction to produce light, they are one-time use product. They can also be broken or activated accidentally while you're backpacking, raveling, or just placing your pack down. Traditional breaklights also have an expiration date when activated. So, after activation you cannot use it again.

HOW MANY TIMES CAN I USE ONE GLOWPAD?

You can be used the glowpad up to 8 nights!

The glowpad relies on unique blister system (B.O.S) that can be activated in stages.

SHORT DESCRIPTION OF OUR TECHNOLOGY

Our glowpads are made of flexible plastic containing a thin-walled aluminum laminate which have blistered / pockets (as in the pharmaceutical tablets pills packages). Outside the aluminum blisters is a solution of hydrogen peroxide, H₂O₂, dissolved in solvent. Inside the aluminum blisters is a solution containing a phenyl oxalate ester and a fluorescent dye. An array of blisters / capsules contain with one of the solution (A) while the other solution (B) is kept in a special pad that is saturated with this solution, when the two solution are mix a glowing light appears. When the aluminum blisters is mashed and squashed, the thin-walled of aluminum laminate with in the device is torn and breaks, its contents will mix with on the solution outside. Then, the H₂O₂ reacts with the phenyl oxalate ester. The energized dye molecules release this energy as visible light. The process in which energy from a chemical reaction is released as light, is called chemiluminescence.

MORE ADVANTAGES OF THE GLOWING PAD OVER EXISTING PRODUCTS LIKE BREAKSTICKS/GLOWSTICKS

1. Precise activation and operating in different phases: controlling over the intensity and the time of the illumination including the turning off of the reaction (the light)
2. Possibility of operating stages (up to 8 sessions in the cornet glowpad)
3. Illumination of any shape and size
4. Glass free products
5. Improvement safeties and efficiency
6. Possibility of varied colors (mixed or not)
7. Up to two colors in one unit
8. Graphics printed or hand writing possible
9. Flexibility, easy to design, easy to use, easily folded, and can be placed in cracks
10. The possibility of pre-test of the product.
11. Shock resistant
12. Easy to camouflage (One side visible with option for up to 360 °)
13. Longer shelf life
14. Non cover pack necessary
15. Glow pad has self-adhesive backing
16. After activation the product gets thinner
17. Cost-effective efficiency

The inventiveness of this technology comes to fruition by the total freedom of the shape and size of the many possible products and applications. Thanks to the unique external blister operating system (BOS) of the product which enables the multiplicity of colors, graphics and shapes and the times of activations (all at ones or in different phases). There are no other chemiluminescent technologies which give these multiplicity solutions. The cost-effective efficiency compared to other products in the field is higher.