

TECHNICAL DATA

Trade Name:	Glo Brite®			
Description:	Flexible: .010 laminated film coated with a permanent acrylic adhesive and backed with a polycoated release liner. Rigid: Glo Brite® film laminated to .050 styrene			
Availability:	Flexible: 1", 2", 3", 6" x 30 ft. Rolls (1) 54" x 150 ft. Roll (1) 27" x 150 ft. Roll* (100) 20" x 27" Sheets Custom sizes available upon request. Rigid: .060X 24" x 40" sheets			
Installation:	Flexible: Simply position, peel off the backing paper and apply to a clean, dry, non-oily surface. Rigid: Apply mounting tape to backside or punch holes and mount with screws.			
Product #:	7520	7530	*7550	*7560
Light Source:	1000 lux			
Recharge:	Re-exposure to a light source.			
Recharge Time:	5 min.	5 min.	5 min.	5 min.
Illumination* Duration Time:	6+hours	10+hours	24+hours	26+hours
UV Stability:	Excellent	Excellent	Excellent	Excellent
Product Color:	White/ Green	White/ Green	White/ Green	White/ Green
Emission Color:	Yellow/ Green	Yellow/ Green	Yellow/ Green	Yellow/ Green
Flame / Smoke Tests Passed:	ASTM 162 Surface Flame Spread ASTM 648 Critical Radiant Flux ASTM 662 Smoke Generation Bombardier SMP 800C Toxic Gas			

Note: The user has the responsibility to determine the suitability of the product and assumes any liability in connection with such use. Jessup's products are believed to be reliable based on research and development data. However, this information does not constitute a warranty. Seller shall not be liable for damages in excess of the purchase cost of the product.

*The glow or luminescent intensity is measured using a testing method to evaluate photoluminescent materials. This test method is called DIN 67 510 Part 1. The period of light decay is that time after the exciting light is removed in which the luminescent intensity has dropped to 0.32 mcd/m² (this is approximately 100 times the limit of human visibility).

Glo Brite® products meet or exceed ASTM Standard Volume 06.01,2000 E 2030-99 Dated 11/99: A Guide for Recommended Uses of Photoluminescent Safety Markings.

Glo Brite® products meet or exceed Domestic and International Standards as follows:

- PSPA Standard
- IMO Resolution A.752 (18)
- ISO 15370
- DIN 67510 (parts 1-4)
- ASTM E 162 / E 648 / E 662
- BOMBARDIER SMP 800
- ASTM E 2072-00 / E 2073-00
- APTA SS-PS-004-99 Rev 1
- APTA SS-PS-002-98 Rev 2
- JIS Z 9100
- Lloyd's Register Type Approval



open the door
to increase your
awareness for
potential use of
glow-in-the-dark
products

GLO BRITE® APPLICATIONS

SAFETY SIGNAGE

- Identify Doors
- Walkway Directions
- Marking Dangerous Objects
- Telephones
- Exit Doors
- Staircases
- Hazardous Areas
- Fire Equipment
- Escape Route Instructions
- Light Switch Covers
- Medical Equipment
- Fire Alarms
- Uneven Surfaces

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D E T A I L S



I N S I D E

Safe Evacuation During A Power Failure

Q: What is Glo Brite ?

A: A non-toxic, non-radioactive glow-in-the-dark compound produced in a thin gauge film. This film **glows** in total darkness after exposure to a light source. Glo Brite absorbs and stores energy from any ambient or UV light source, it then releases this energy in the event of darkness. This process works in two phases. The initial phase consists of a strong immediate **glow** followed by an accelerated decrease of the initial brilliance within the first half-hour.

Q: How long does Glo Brite last?

A: There are three Glo Brite products which emit light for various lengths of time. Whether you are using Glo Brite for a safety application or a novelty item, we have a product that will fit your needs. Glo Brite 7520 is rated to produce a 6 hour **glow**, Glo Brite 7530 is rated to produce a 10 hour **glow**, Glo Brite 7550 is rated to produce a 24 hour **glow**, and Glo Brite 7560 is rated to produce a 26 hour **glow**.

Q: How is the "glow" in Glo Brite measured?

A: This **glow** or luminescent intensity is measured using a testing method to evaluate photoluminescent materials. The test method is called DIN 67 510 Part 4. The period of light decay is that time after the exciting light is removed in which the luminescent intensity has dropped to 0.32 mcd/m² (this is approximately 100 times the limit of human visibility).

Q: Where do I use Glo Brite tapes?

A: Safety is the number one reason to properly install a **glow-in-the-dark** directional system for evacuation purposes during a power failure. When this type of system is designed correctly, it can provide a safe, illuminated path through stairwells, hallways, and rooms which suddenly become dark due to loss of power. Showing an entire exit course and labeling safety equipment will reduce the potential for panic or injury during sudden blackouts. In addition to safety, Glo Brite is used for promotional premiums and novelty items like stickers, decals, badges, and signs, or use Glo Brite to label darkroom equipment. The possibilities are endless.

Standard Sizes:

54" x 150 ft. Rolls
27" x 150 ft. Rolls
20" x 27" Sheets
1", 2", 3", 6" x 30 ft. Rolls
Custom Sizes Available

Rigid:

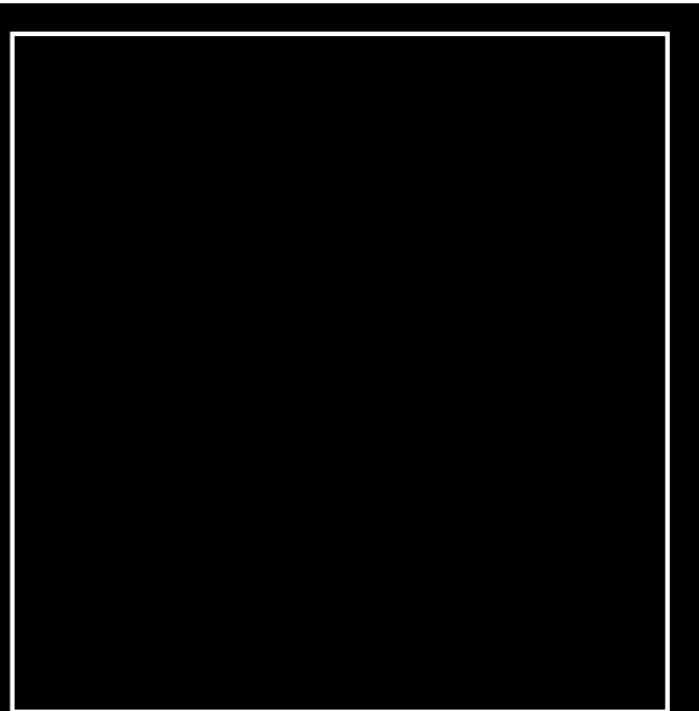
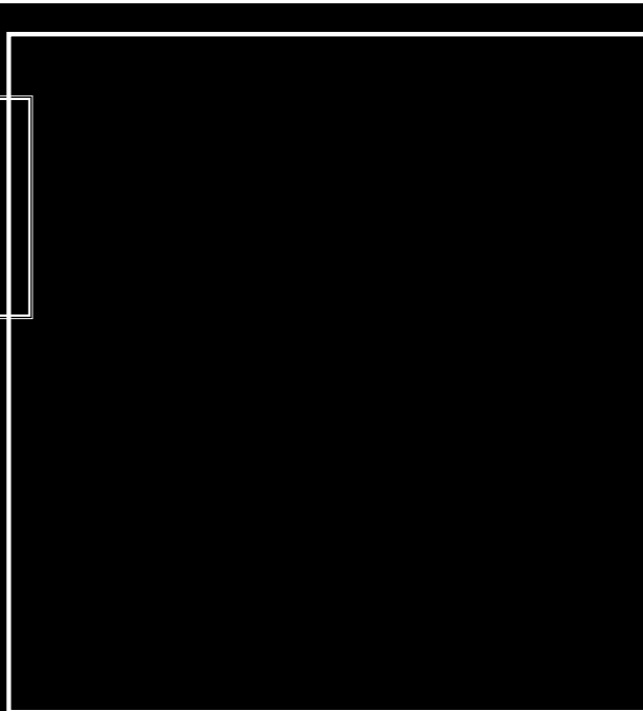
.060" X 24" x 40" Sheets

Product Color:

7520: White / Green
7530: White / Green
7550: White / Green
7560: White / Green

Emission Color:

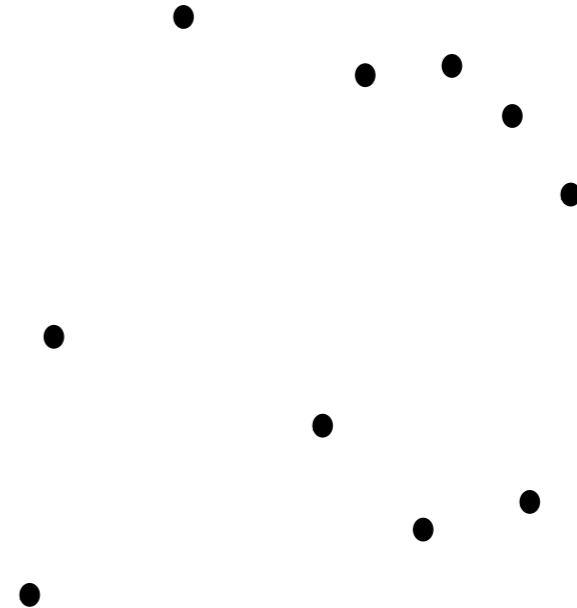
7520: Yellow / Green
7530: Yellow / Green
7550: Yellow / Green
7560: Yellow / Green



PRODUCT FEATURES

- Activates immediately in a black-out situation
- No mechanical or electrical power source needed
- Non-radioactive, non-toxic, explosion-proof
- Material recharges within 15-30 minutes upon re-exposure to light
- Illumination times for the 7500 Series:
 - Glo Brite 7520 = 6+ hours* (safety grade)
 - Glo Brite 7530 = 10+ hours* (safety grade)
 - Glo Brite 7550 = 24+ hours* (safety grade)
 - Glo Brite 7560 = 26+ hours* (safety grade)
- Glo Brite products meet or exceed Domestic and International Standards:
 - PSPA Standard
 - IMO Resolution A.752 (18)
 - ISO 15370
 - DIN 67510 (parts 1-4)
 - ASTM E 162 / E 648 / E 662
 - BOMBARDIER SMP 800
 - ASTM E 2072-00 / E 2073-00
 - APTA SS-PS-004-99 Rev 1
 - APTA SS-PS-002-98 Rev 2
 - JIS Z 9100
 - Lloyd's Register Type Approval
- Smooth surface is screen-printable with standard inks
- Signage and directional possibilities are endless
- Readily visible from any direction of access
- Easy to install and virtually maintenance free

*Based on DIN 67 510 Part 1



Illustrations: Glo Brite 7520 & 7530 products meet or exceed ASTM Standard Volume 06.01, 2000 E 2039-99 Dated 11/99: A Guide for Recommended Uses of Photoluminescent Safety Markings.

Exit identification in total darkness.

- Stair Letter Sign
- Exit Sign
- Fire Extinguisher Sign
- "You Are Here" Evacuation Map Sign
- Obstruction Indicated by Warning Marking
- Dead-End Passageway Marked with Arrows
- Pathway Marking
- Pathway Marking
- Stair Number Sign
- Pathway Marking
- Top and Bottom Stair Marking
- "Stairway Down" Symbol Sign
- Handrail Marking
- Exit Door Frame Outlined
- Mid-Step Marking
- Handrail Marking
- Fire Station Sign
- Firefighter Standpipe Marking
- "No Re-entry on this Floor" Stair Sign
- "Stairway Down" Symbol Sign
- Pathway Marking
- Examples of Stair Tread/Rise Markings
- Fire Extinguisher Sign
- Exit Door Frame Outlined
- "Re-entry on this Floor" Stair Sign