

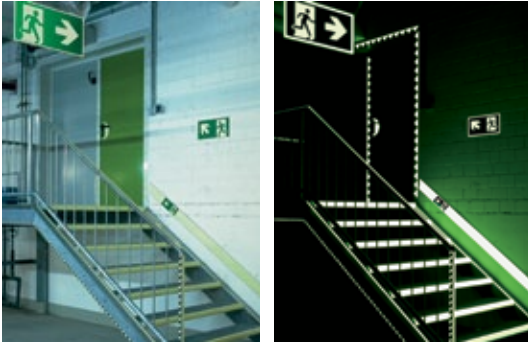


# Photoluminescent Safety Identification

Safety in the dark

**NITE-GLO & XTRA-GLO**





## Safety in the dark: Why Photoluminescent?

A safety evacuation plan makes sure you can get your employees out fast if things go wrong. When an entire office building or production plant goes dark, highly visible safety signage, like photoluminescent signs and markers, increases your chances to get everybody out without injuries. When accurately placed, high quality photoluminescent signage, will still glow to guide firemen through your site to combat disaster after the evacuation is complete.

## Regulations/Norms

Photoluminescent materials are mentioned in the ISO 16069, ANSI and DIN 67510 regulations aimed at standardising a Safety Way Guidance System throughout the world. ISO 16069 contains information related to the type of photoluminescent component to assist in defining the environment, choice of material, layout, installation and maintenance.



## Photoluminescent quality classes

Photoluminescent materials are divided into classes, depending on their brightness after 10 minutes (time to evacuate) and 60 minutes (e.g. firemen or electricians working) in the dark. Please note that many countries have set guidelines or norms regulating minimal luminance for photoluminescent safety signage.

Minimum Luminance		
Class	After 10 minutes	After 60 minutes
A	23 mcd/m <sup>2</sup>	3 mcd/m <sup>2</sup>
B	50 mcd/m <sup>2</sup>	7 mcd/m <sup>2</sup>
C	140 mcd/m <sup>2</sup>	20 mcd/m <sup>2</sup>
D	260 mcd/m <sup>2</sup>	35 mcd/m <sup>2</sup>

mcd = Millicandela

## Advantages

High quality photoluminescent safety signage can be used to clearly mark obstacles or aisles for fast evacuation, even in case of a total blackout. Photoluminescent materials charge themselves, and do not require inspection or maintenance. High quality photoluminescent class C or D, still glows bright enough after an hour in the dark, to guide firemen through your facility after the evacuation of your employees has been completed.

## BRADY SIGNS MATERIAL OFFER NITE-GLO & XTRA-GLO



### Self-adhesive Polyester

- Easy to apply, suited for small sizes, needs a clean surface.  
e.g. Push bar on a door
- Available in Class B (Nite-Glo B-7568) and Class C (Xtra-Glo B-7582)



### Rigid Polypropylene (non-adhesive)

- Good for big sizes and for surfaces which are not clean enough for self-adhesive products.  
Primarily for indoor use. e.g. Large emergency exit sign in a trade show environment
- Thickness: 1.2 mm
- Available in Class B (Nite-Glo B-7568) and Class C (Xtra-Glo B-7582)



### Aluminium

- Primarily for outdoor use. Can also be used on magnetic panels, such as machine where Personal Protective Equipment is not always required.
- Available in Class B (Nite-Glo B-7568) and Class C (Xtra-Glo B-7582)

**BRADY**  
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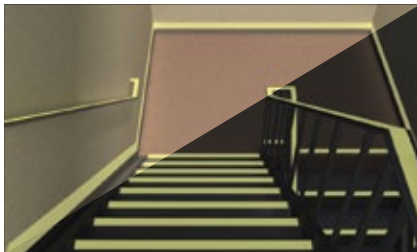
Other materials available upon request

## Photoluminescent Signs

You can order a photoluminescent safety sign showing a pictogram from the EN ISO 7010:2012 range or a sign with the text of your choice.

As well as the EN ISO 7010:2012 signs, Brady will continue to offer safety signs with text and pictograms in accordance with **The Health & Safety Regulations**.

Visit [www.bradyeurope.com](http://www.bradyeurope.com) for the full range.



## Photoluminescent Area Marking

### 3 levels of photoluminescent application

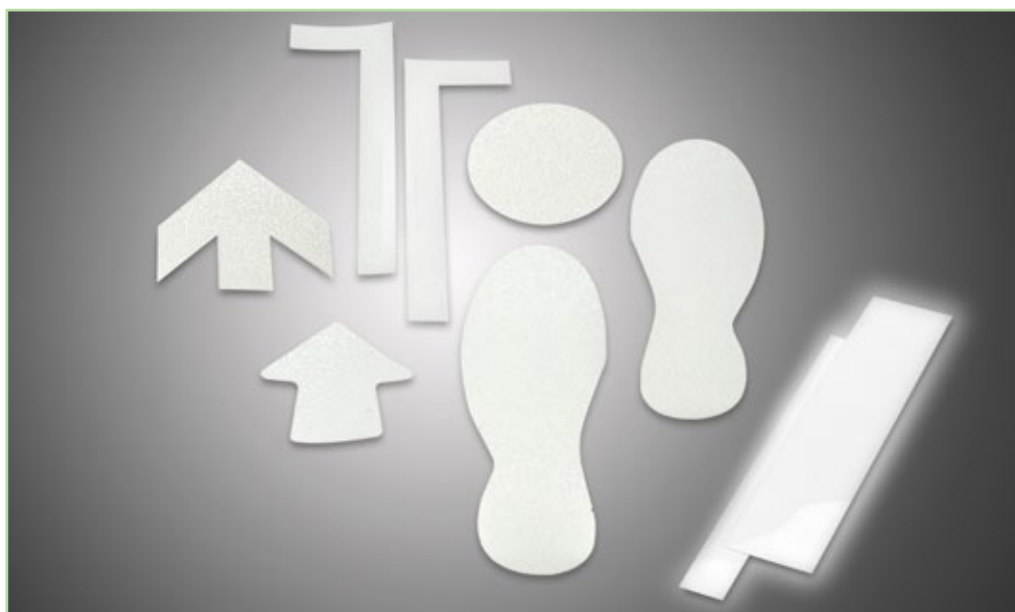
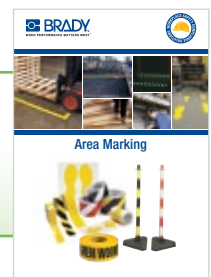
#### Low Location Lighting – Area Marking

Well placed photoluminescent safety signage covers 3 heights in any hallway, production floor, open office or large area.

- Floor level signage shows your employees the way out in case of a smoke build up, or fire. It is attached to the floor or the wall, but no higher than 40 cm.
- Intermediate height signage is placed between 1.2 m and 1.5 m. These signs contain more information and are placed at a convenient height for people to read.
- High signage, placed higher than 1.8 m, makes sure your employees can spot the nearest emergency exit or fire fighting equipment from a distance.

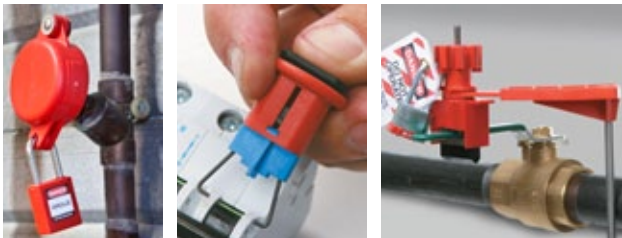


These photoluminescent marking tapes and shapes indicate danger zones, even in complete darkness. For more information, please check our Area Marking Brochure (EUR-M-423-EN).



# BRADY - YOUR COMPLETE WORK SAFETY SOLUTION PROVIDER

Find out more safety products from our extensive portfolio. Visit our websites or contact your nearest Brady representative.



## LOCKOUT/TAGOUT - SOLUTIONS FOR HAZARDOUS ENERGY CONTROL

From audit and identification of energy control points, through procedure creation and the selection of adequate products, up to employee training and safety awareness promotion – Brady offers full support and a broad range of products to create your advanced work safety environment.



## VISUAL TAGGING SOLUTIONS - SAFETY. MAINTENANCE. IDENTIFICATION.

Provide essential records of the safe condition of all your site equipment and scaffolding.

- Simple to implement
- Easy for workers to understand
- Specially designed for rough environments
- Highly visible



## PIPE MARKERS - EASILY IDENTIFY PIPE CONTENT AND FLOW DIRECTION

The correct identification of pipes ensures a better insight into a building's structure. Accidents, injuries and damage can be prevented.



## SORBENTS - SMART SPILL CONTROL

Clean, fast and safe removal of oil, water and chemicals spills.

- Adsorbs 10-25 times its own weight within a few seconds
- Environmentally friendly
- Spend less time cleaning



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361 Olympic Duel  
Northlands Business Park  
Newmarket Road  
Randburg  
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### BRADY Benelux

Industriepark C/3  
Lindestraat 20  
9240 Zele, Belgium  
Tel. +32 (0) 52 45 78 11  
Fax +32 (0) 52 45 78 12

### BRADY Central & Eastern Europe

Na Pántoch 18  
831 06 Bratislava, Slovakia  
Tel. +421 2 3300 4800  
Fax +421 2 3300 4801

### BRADY Denmark

Svendborgvej 39D  
5260 Odense S  
Tel. +45 66 14 44 00  
Fax +45 66 14 44 50

### BRADY France

Parc EURO CIT  
45, avenue de l'Europe  
59436 Roncq Cedex  
Tel. +33 (0) 3 20 01 08 70  
Fax +33 (0) 3 20 01 08 76

### BRADY Germany

Brady-Straße 1  
63329 Egelsbach  
Tel. +49 (0) 6103 7598 660  
Fax +49 (0) 6103 7598 670

### BRADY Hungary

Puskás Tivadar u. 4.  
2040 Budaörs  
Tel. +36 23 500 275  
Fax +36 23 500 276

### BRADY Italy

Via Degli Abeti 44  
20064 Gorgonzola (MI)  
Tel. +39 02 26 00 00 22  
Fax +39 02 25 75 351

### BRADY Middle East FZE

PO BOX 18015  
Jebel Ali, Dubai, UAE  
Tel. +971 4881 2524  
Fax +971 4881 3183

### BRADY Norway

Kjeller Vest 2  
2007 Kjeller  
Tel: +47 70 13 40 00  
Fax: +47 70 13 40 01

### BRADY Romania

World Trade Center  
Piata Montreal, nr 10  
Intrarea F, Etajul 1, Birou 1.16,  
Sector 1,  
Bucharest, 011469  
Tel: +40 21 202 3032  
Fax: +40 21 202 3100

### BRADY Russia

Avrora Business Park, Office 2305  
82/2, Sadovnicheskaya Street  
115035 Moscow  
Tel: +7 495 225 93 62

### BRADY Spain & Portugal

Diputación, 260  
08007 Barcelona, Spain  
Tel. +34 900 902 993  
Fax +34 900 902 994

### BRADY Sweden

Vallgatan 5  
170 67 Solna  
Tel. +46 (0) 8 590 057 30  
Fax +46 (0) 8 590 818 68

### BRADY Turkey

Selvili Sok. No: 3/4  
4.Levent Istanbul 34330  
Tel. +90 212 264 02 20 / 264 02 21  
Fax +90 212 270 83 19

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