

# Product Data Sheet

## PERMALIGHT® Power 95/12 Anti-Slip Tape

SKUs: 83-1780H (1") and 83-0780H (2")

### Product Description

This Polyethylene Terephthalate-based anti-slip is designed to enhance safety and visibility in low-light and emergency situations. Its photoluminescent surface emits a long-lasting afterglow when charged by ambient lighting, helping guide building occupants during power outages or evacuations. The tape's textured surface increases traction on stairs, landings, and walkways, making it ideal for marking egress routes and hazardous areas. Engineered for indoor use, it offers reliable grip and glow performance in a variety of commercial and industrial settings.

### Product Specifications

- **UL Model:** 83-0780H
- **Material:** Photoluminescent Polyethylene Terephthalate
- **Temperature Range:** -22°F to +158°F
- **Grip Rating (DIN 51130):** R10 / PTV 1.02 (dry), 0.47 (wet)
- **Adhesive strength PSTC-4 stainless steel after 24h:** 84 PSI
- **Adhesive Type:** Solvent Acrylic
- **Thickness:** 0.7mm
- **Light Activation:** LED or fluorescent lighting
- **Outdoor Durability:** Not approved for outdoor use
- **Indoor Durability:** 3 Years



### Roll Width and Length

- **83-0780H:** 2" x 49'
- **83-1780H:** 1" x 49'

(Custom widths available up to 48")

### Luminance Values

Luminance 10 min after light outage	Luminance 60 min after light outage	Classification by manufacturer *** (10/60 min value)	Decay duration
95 mcd/m <sup>2</sup>	12 mcd/m <sup>2</sup>	Class B (50/7 mcd/m <sup>2</sup> )	1800 min / 30h

\*\* According to DIN 67510-1:2020 – Long-lasting photoluminescent pigments and products, measurement and classification by the manufacturer.

## Application and Use

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This product is designed for **indoor** use only.

Prior to installation, ensure the surface is level, dry, and free of dust, grease, or other contaminants.

- Minimum installation temperature: 59°F
- Round off all corners when cutting Keep a minimum distance of 0.5 cm from edges or transitions
- Do not apply over joints, seams, or cracks
- Apply in straight lines only — do not bend or curve the strips
- Use a pressure roller to ensure firm adhesion and eliminate air pockets Avoid touching the adhesive backing during installation

### Post-Installation Care

- Allow at least 24 hours before cleaning or using the surface
- Do not use abrasive, alcohol-based, or solvent-based cleaners
- Clean frequently to extend product life

### Typical Use

- Step nosing and leading edges of landings in light-use staircases
- Marking escape routes, uneven floor areas, and obstacle zones where visibility and traction are critical

## Cleaning Instructions

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- A sponge soaked in a warm water solution of mild alkaline detergent is recommended for cleaning the surfaces
- Do not use abrasive cleaners such as scouring agents, alcohols, or solvents.

## Storage Instructions

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- Store at a temperature of 69°F with approximately 50% relative humidity.
- Keep the product away from direct sunlight
- Avoid mechanical damage and sharp bends during storage and handling
- Failure to follow these guidelines may reduce the product's service life

## Required Accessories

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- **86-7006:** Pressure Roller – to firmly press-apply the tape
- **83-0781:** 3M Tape Primer 94 – a solvent-based adhesive used to prepare floor surfaces before applying slip-resistant tape. (One quart covers approximately 35 square feet.)
- **83-0783:** Edge Sealing Acrylic Lacquer – to seal the edges of anti-slip tape. (One bottle yields 150 linear feet.)

**Important Notice:** All PERMALIGHT products undergo rigorous quality control throughout the manufacturing process. We supply all products in commercial quality and free from manufacturing defects. Published product information does not constitute a guarantee of properties within the meaning of § 443 BGB. Given the wide range of applications and the continuous development of new uses, it is the user's responsibility to carefully evaluate the product's suitability and performance before use.

The buyer assumes all risks arising from the use of the product, particularly for obviously improper applications. Modifications are subject to change.

# Certificate of Compliance

**Certificate Number(s):**

UL-US-2596279-1

**Report Reference:**

SA9924-20251210

**Issue Date:**

2025-12-17

Issued to:

**AMERICAN PERMALIGHT INC  
2570 W 237th St Ste C, Torrance, CA, 90505-5276, US**

This certificate confirms that representative samples of:

**IMZI - Luminous Egress-path-marking Systems**

**See Addendum Page for Product Designation(s).**

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

**UL 1994, Edition 4, Issue Date 2015-05-29, Revision Date 2023-11-20**

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



David Piecuch  
UL Mark Certification Program Manager



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# CERTIFICATE OF COMPLIANCE

**Certificate number(s):** UL-US-2596279-1  
**Report reference:** SA9924-20251210  
**Issue Date:** 2025-12-17

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## **Photoluminescent path marking system**

**Model(s):** 83-0780H

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