

Product Data Sheet

PERMALIGHT[®] Power 150/22 Anti-Slip Tape

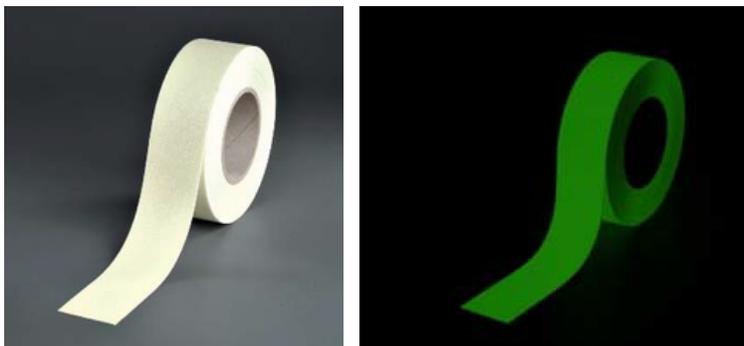
SKU: 83-1780 (1"), 83-1780L (1"), 83-0780 (2")

Product Description

This flexible vinyl film is engineered for safety and visibility, featuring durable photoluminescent properties that comply with ASTM, DIN, and UL1994 standards. It emits a bright, reliable afterglow to guide building occupants during low-light conditions or emergencies. As an anti-slip tape, it marks critical floor areas including escape routes, stairways, uneven surfaces, and locations with potential obstacles, providing both enhanced visibility and traction where safe egress is essential.

Product Specifications

- Material: PVC
- Temperature resistant: -40°C to +80°C
- Adhesive strength FTM1 stainless steel after 24h: 25.05N/25mm
- UL 1994-listed under Model CC-AST, suitable for wall, stair nosing, and floor use in ½-inch strip widths
- Activated by LED or fluorescent lighting



Roll Width and Lengths

- **83-1780:** 1in x 52ft
- **83-1780L:** 1in x 79ft
- **83-0780:** 2in x 52ft

Luminance Values (DIN 67510 and UL-1994)

Luminance 10 min after light outage	Luminance 60 min after light outage	Classification by manufacturer *** (10/60 min value)	Decay duration
150 mcd/m ²	22 mcd/m ²	Class C (140/20 mcd/m ²)	2100 min / 35h

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

Application and Use

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: 15°C
- 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

- 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

- Store at a temperature of 21°C 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

American PERMALIGHT® Inc

CERTIFICATE OF COMPLIANCE

Certificate Number SA9924
Report Reference SA9924-20100420
Issue Date 2020-NOVEMBER-20

Issued to: AMERICAN PERMALIGHT INC
2570 W 237TH ST STE C
TORRANCE, CA 90505-5276 UNITED STATES

**This is to certify that
representative samples of**

LUMINOUS EGRESS-PATH-MARKING SYSTEMS
Photoluminescent Floor proximity egress path marking
systems, Models CC-ALU, CC-FLEX, CC-AST, CC-TAPE,
CC-RIGID, CC-RIGIDX, CC-RIGIDHI, CC-NOSING and
CC-PROFILE

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

Standard(s) for Safety: UL 1994, Luminous Egress Path Marking Systems
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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