

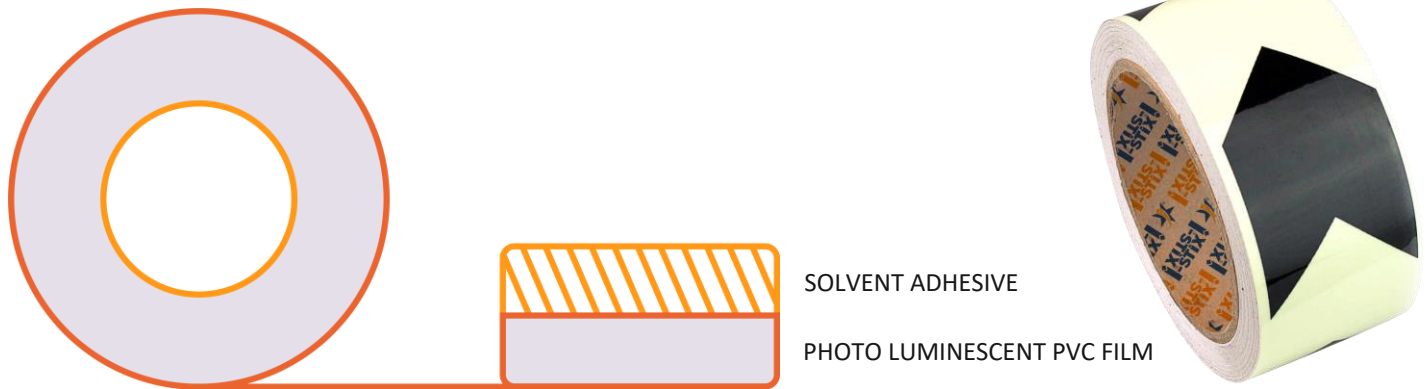
## GLOW TAPE – IS 58312 V

100 MICRON

### PRODUCT DESCRIPTION

IS 58312 V i-STIX Photo Luminescent Glow Tape is a specialized tape that glows in the dark, designed to enhance safety in various environments. It absorbs and stores ambient light energy, becoming highly visible in sudden darkness. Made from vinyl, it contains non-toxic phosphors that emit light after exposure to light sources.

### PRODUCT STRUCTURE



### PRODUCT FEATURE

- **Smooth Surface:** Facilitates easy application on floors, walls, stairways, and other surfaces without difficulty.
- **Non-Toxic Composition:** Free from phosphorous or radioactive materials, ensuring safety in various applications.
- **Glow-in-the-Dark Visibility:** Provides visibility during power outages or low-light conditions by emitting stored light.
- **Energy Absorption:** Absorbs and stores energy from incandescent and fluorescent light sources for prolonged glow.

### PRODUCT APPLICATION

- **Tactical & Military:** Used for gear, paths, and equipment in low-light or nighttime operations.
- **Industrial & Warehouse Use:** Helps in identifying aisles, hazards, or equipment in dimly lit areas.
- **Theater & Film Productions:** Marks stage boundaries, props, and set pieces for visibility in the dark.
- **Emergency Signage:** Ideal for marking fire exits, first aid stations, and evacuation routes in buildings.
- **Home Use:** Great for marking children's rooms, hallways, or stairs to avoid accidents during the night.
- **Safety Marking:** Used to highlight exit signs, stairways, and emergency exits in low-light environments.
- **Vehicles & Transport:** Applied to vehicles, trucks, and trailers for visibility at night or in low-light conditions.

## PHYSICAL PROPERTIES

CHARACTERISTIC	UNIT	VALUE
COLOR	-	Crayola
BACKING	-	Photo luminescent PVC
ADHESIVE TYPE	-	Solvent Based
THICKNESS	MICRON	100 ± 0.05
INITIAL TACK	STEEL BALL NO.	# 10
TENSILE STRENGTH	N/25MM	≥ 35
HOLDING POWER	H	≥ 24
PEEL ADHESION	N/25MM	≥ 10
ELONGATION	%	≥ 15
TEMPRATURE RESISTANT	°C	0 – 80
AFTERGLOW INTENSITY	MCD / SQM	10MIN ≥ 100 60MIN ≥ 12
AFTERGLOW TIME	MIN	≥ 1200

Information in the above sheet is the average value of the tests, it should not be taken as the exact values of every single product. Customers have the obligation to check whether the product is suitable for their own applications.

## STORAGE AND USAGE

Tape should be stored in dry, cool, shelter area and avoid direct sunlight, storage temperature under 40°C under correct storage conditions maintains its characteristics for two years.

## NOTICE

- Please try a sample and make sure the tape is suitable for the application before use it.
- Customers who buy the jumbo rolls should stop the re-winding and slitting once find that there has quality problem with the jumbo. Contact us right away. If customers re-wind/cut the problematic jumbo into log/finished rolls, Instabiz Solutions India Pvt. Ltd. will not response to make any indemnity.
- Ideal tape application temperature is 8 to 38 Celsius. It is not suggested to use the tape below zero Celsius, because the adhesive will become too firm to adhere readily. However, once customers insist on using the tape under such a low temperature, please contact us, Instabiz Solutions India Pvt. Ltd. will adjust the adhesive, but Instabiz Solutions India Pvt. Ltd. doesn't guarantee anything.
- Firm application pressure helps develop better adhesive contact and improves bond strength, the bonding surfaces must be clean, dry and well unified. Seal completely when not use the tape, avoid expose the tape in the sunlight.
- Expiry date: Original packaging, 23 C & 60% humidity, 12 months after production date. If product is not kept under such temperature and humidity, jumbo/log rolls should be finished within four months, finished rolls should be finished within one month.
- All Instabiz Solutions India Pvt. Ltd. products are strict inspected before sent to customers, but the applications might be different between different customers, there may exist factors which are beyond Instabiz Solutions India Pvt. Ltd. knowledge and control, so customers should check the quality of every order before use the tape. If customers use the product without inspection, they must be responsible for the potential quality problems and economic loss. If the product is proved to be defective, the exclusive remedy, at Instabiz Solutions India Pvt. Ltd. option, shall be to refund the purchase price of or replace the problematic product.

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