

TAPECONCURRENT**TAPE OP MAAT**

Technical datasheet

5847C

Glow in the dark tape 100 mcd

Product description

Photoluminescent self-adhesive vinyls

Application Scopes: Photoluminescent self-adhesive vinyls can be cut into different shapes, printed through silk-screen techniques (or digital printing base on dissolved ink) and made into fire safety markings of all kinds.

Material

Support PVC resin, photoluminescent pigment

Type Single sided

Appearance Light yellow

Glowing color Light green

Weight 0,61 kg/sqm

Technical data

Technical Property	Value	Unit
Adhesive strength	1,2	Kg/25mm
Total thickness	0,4	mm
Tensile strength	12	mpa
Rupture elongation at break	150	%
Temperature resistance	-20 to 50	°C
Afterglow intensity after 10 min*	>100	mcd
Afterglow intensity after 60 min*	>10	mcd
Decay time*	1200	min

*Measurement according to DIN 67510-part 1

Package & Storage

Storage: stored in ventilated, dry, and cool warehouse whose ambient temperature is 10-40°C and relative humidity below 70%.

DISCLAIMER

All statements and information listed above regarding this product are typical values for general guidance, these data don't have to be intended as conformity specification. All information and technical data are based on tests we believe reliable but are not guaranteed for accuracy and completeness. The user must test, evaluate, and validate this product before the use, assuming risks and liability of such use. This product and accordingly the specification, may be revised without prior notice. Tapeconcurrent assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication, or application of the products into which the materials are incorporated.

Characteristics

1. Photoluminescent vinyl film made from PVC plastic can resist flame to some extent
2. Able to resist salty solution and detergent (can be washed with detergent)
3. Functional in heat and coldness at the temperature range of -20 to 50°C
4. Excellent physical and mechanical properties; lifetime 3-5 years outdoor or 5-7 years indoor
5. Has instant adhesiveness and can be glued to the surface of general objects

Notes & Notices for Use:

1. Should be applied to evenly spread surface at the temperature of 10-40°C
2. Photoluminescent self-adhesive vinyl can be cut into different shapes and glued to specific place (such as telephone set, switch, etc) for decoration and indication.
3. Photoluminescent self-adhesive vinyl surface can be printed with silk screen pattern or word to have a substrate glow effect.
4. When the film is applied to the surface of any object, it should be cleaned and be free of oil stain, dust, and any other impurity.
5. Because the film expands in heat and shrinks in coldness, cautious storage is required for film after specific cutout. Meanwhile, it should be clamped or pressed with weight to prevent distortion and curling.
6. Back paper of the film should be removed before use. The film should be applied to object surface with certain press. Special notice should be given to the corner and film edge during application.
7. To guarantee the luminance, photoluminescent self-adhesive vinyl of same series will have colour difference with respect to different lots.
8. For a photoluminescent self-adhesive vinyl exceed 10M in length, there will be a laced junction.
9. The remaining film (roll) after application should be enlaced as tightly as possible.

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