

51.105N | Total Glow

Features

51.105N | Total Glow is a photoluminescent, flexible polymeric vinyl with a matt finish, designed to be easily printable using a broad range of wide format printing methods including (eco)solvent, UV, and latex inks. The photoluminescent compounds within the film are capable of absorbing light, allowing the graphic to remain visible in blackout, dark or low light environments.

Total Glow (A-grade) is ideal for indoor and outdoor commercial and decorative applications. With its high tack permanent adhesive, Total Glow can be easily applied to a variety of substrates. Also suitable for basic photoluminescent safety and egress marking needs. For regulatory compliant safety signage, we recommend 51.106N | Total Glow Plus (B-grade) and 51.107N | Total Glow Supreme (C-grade)

51.105N | Total Glow (A-grade) is available in 1370mm (width) x 45,7m (length) rolls.

Total Glow series is also available in 51.106N | Total Glow Plus (B-grade) and 51.107N | Total Glow Supreme (C-grade)

Technical & Performance Information

Film Thickness	190 micron
Adhesive Thickness	50 micron
Total Thickness	240 micron
Adhesive type	High tack permanent clear solvent-based acrylic
Release Liner	170 gsm double-sided PE coated kraft liner
Adhesion to steel (20 mins / 180°)	30 N/25mm
Adhesion to steel (24 hrs / 180°)	34 N/25mm
Luminous value* (after 10 mins)	23 mcd/m ²
Luminous value* (after 60 mins)	3 mcd/m ²
Luminous compliance	PSPA class A, DIN 67510, ISO 15370, IMO RES A. 752 (18)
Dimensional Stability	Excellent
Application Temperature	+10 to +25 °C
Service Temperature	-30 to +65 °C
Opacity Level	Low
Printability	(eco)solvent, UV & latex
Shelf life	1 year

* Xenon lamp exposure - 1000Lx / 5 min (DIN 67510)
Luminous value is guaranteed for up to 20 years after application

Warranty

iSee2 warrants our material for one (1) year from date of shipment. The shelf life of our material is dependent on storage conditions. We recommend that the end user stores the material in the original boxes (out of direct sunlight) from our factory. We also recommend to store our material at 21°C with 50% relative humidity. iSee2 only warrants our products to be free from defects in workmanship or defects in iSee2 material. We will replace or credit any material deemed defective. No acceptance or responsibility for loss, damage or expense implied or otherwise shall be assumed by the seller or manufacturer. User assumes all risk and liability in connection herewith. All data values quoted above are typical and should not be used to deem the product defective, if measured values are different.