



Specifications

Introduction

REFLOMAX GLODIAN™ CG-3000 includes a commercial-grade reflective sheeting and an enclosed beaded retroreflective sheeting, which consists of retroreflective glass beads sealed on a PET substrate. It is suitable for a plotter cutting. Please do not use it for screen print, digital print etc.

Front Material

PET

Reflective

REFLOMAX GLODIAN™ CG-3000: 8 cd/lux for white 0.2°/-4°

Application | Processing

The sheeting should be applied onto a smooth, clean and dry surface at the temperature ranging from 10°C (50°F) to 38°C (100°F). The materials should be applied pursuant to the Application Instruction.

Composition

REFLOMAX GLODIAN™ CG-3000 is designed for economical use and intended to use for sign lettering applications requiring durability up to 1-3 years. The series are mainly used for advertising graphic, promotional signs or personality decoration.

Release liner

115 Gram Poly-coated paper liner

Adhesive

30 Micrometer permanent pressure sensitive adhesive

Table 1 Minimum Coefficient of Retroreflection

Observation Angle	Entrance Angle	White	Yellow	Orange	Red	Blue	Green	Brown	Black
0.20°	-4°	8	4.5	4.4	2	0.6	2.8	0.1	0.1

Application Instruction

Processing instructions for REFLOMAX GLODIANTM CG-3000

The data herein are based upon our knowledge, experience and application tests. Its purpose is to provide the practitioners with suggestions and technical support. REFLOMAX GLODIAN™ CG-3000 is a product from Glass beads. Retro-Reflective Material. GLODIAN™ CG-3000 is available in wide variety of colors to suit the various needs from various types of customers. It makes the objects with GLODIAN™ CG-3000 highly visible in daytime, nighttime, foul weather and even in wet condition and as a result enhances the safety of drivers in the road. REFLOMAX GLODIAN™ CG-3000 is supple, conformable and can be easily applied to the winding substrate such as Traffic Cones and Lane Dividers (Delineator Post). It is also very durable and wearing-resistant.

Size & Package

- **Roll Size** 1,240cm x 45.7m (48" x 50yd)
- **Packing Size** 1,310mm x 190mm x 215mm (51.6" x 7.5" x 8.5")
- **Net Weight** 14.3kg (31.53 lb) per roll
- **Gross Weight** 17.5kg (38.6 lb) per roll

Storage

- Reflective Sheeting should be used within one (1) year after the arrival date.
- Please use PET inner film to tightly pack partially used Rolls, then return it back to the shipping carton. Vertically place the product to avoid any distortion due to substrate buckling or extension by moisture absorption and to avoid pressure that may damage the reflective layer.
- Store the sheeting in a clean, dry place at 20°C(68°F) and 50% R.H. and away from direct sunlight;



Important

Durability

The durability of REFLOMAX GLODIAN™ CG-3000 series and complete product using them will depend upon substrate selection and preparation, compliance with recommended application procedures, geographic area, exposure conditions, and maintenance. Maximum durability of REFLOMAX GLODIAN™ CG-3000 series can be guaranteed in case of only applications subject to vertical exposure on stationary objects when processed and applied to well-made aluminum pursuant to REFLOMAX's recommendations. Periodic sign inspection and regular sign replacement are strongly recommended that sign owners ensures their own effective service life and any durability warranty, if provided.

Substrate

The user must determine the suitability of any nonmetallic sign backing for its intended use. Applications to unprimed, excessively rough or non-weather resistant surfaces may shorten their performances.

Exposure

Exposure to severe or unusual conditions may deteriorate the performance. Signs in mountainous areas where are covered by snow for a long time may also cause reduced durability. Atmospheric conditions in specific geographic areas may bring about the reduced durability.

Splice

There could be one splice per roll and additional meter will be provided for the roll with splice.

Warranty

No warranty is given for the purposes other than those listed in the Specifications Sheet or which are not worked subject to REFLOMAX's processing and handling instructions. The durability of the signs will depend upon many factors, including but not limited to substrate selection and preparation, compliance with recommended application guidelines, geographic area, exposure conditions and maintenance of the product and finished sign. Sign failures caused by the substrate or improper surface preparations are not taken the responsibility by REFLOMAX. Please see the full warranty instrument available at www.reflomax.com for further information.

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