

Technical Datasheet

Description

REFLOMAX GLODIAN™-EC1000 is PMMA film. Available in clear, yellow, red, orange, blue, green, and brown transparent with a gloss finish. Also available in opaque black with a gloss finish.

Front

Acrylic

Color

7 colors are available (White, Yellow, Orange, Red, Green, Blue, Brown)

Adhesive

REFLOMAX GLODIAN™-EC1000 Series has a pressure-sensitive adhesive that is recommended for room temperature application. Room temperature application is defined as 18°C (64.4°F) ~ 25°C (77°F)

Solvent polyacrylate, permanent, transparent

Weatherability

REFLOMAX GLODIAN™-EC1000 series has a 10 year warranty when it applied on the REFLOMAX GLODIAN™ HIP and SG.

Application / Processing

Important Note: It is recommended that inside radius corner fonts be used when cutting series EC film. Read and follow the manufacturer's operating manual carefully for proper use of cutting equipment.

1. Adjust knife pressure to cut cleanly through the film and slightly score the liner. A 30° blade works best.
2. A clean cutting blade is required. To remove adhesive build-up use a soft cloth dampened with mineral spirits, isopropyl alcohol
3. Avoid excessive flexing when handling film as this may cause film to release from the liner.
4. After cutting is complete, lay sheets flat, face to face, back to back. Always store sheets in this manner until the sheeting has been weeded and transfer tape has been applied to sheeting.
5. Use a stripping tool designed for weeding films that has a blunt (not a sharp) edge.
6. After weeding is completed, also store sheets flat, face to face and back to back, until transfer tape is applied.
7. TPM-5 Clear Transfer Tape is recommended for best results.
8. Transfer tape can be applied either by hand using a plastic squeegee or through a hand squeeze roll applicator (HSRA). If applying the transfer tape by hand, care must be taken to always squeegee from the center to the outside in both directions. If applying the transfer tape through the HSRA the air pressure must be at 30 psi to avoid stretching the premask during application, and the "lead" edge must be cut square and fed into the nip very carefully to avoid wrinkles in REFLOMAX GLODIAN™-EC1000 series.
9. REFLOMAX GLODIAN™-EC1000 series may be applied to the sheeting either before or after the sheeting has been applied to the substrate. Use of an HSRA is recommended to ensure satisfactory results. Use the "split liner method" – start in the middle of the sheet and remove half the liner to ensure proper alignment.
10. After REFLOMAX GLODIAN™-EC1000 series and sheeting have been applied, remove the transfer tape by carefully removing the tape at as low an angle as possible.
11. IMPORTANT! When the transfer tape has been removed, reroll the sign through the laminator to ensure good adhesion.
12. Excess or overhanging REFLOMAX GLODIAN™-EC1000 series should be trimmed using a sharp utility knife held at a 30° angle with the substrate.

Application Instruction

Size & Packing

Roll Size	122cm x 45.7m (48" x 50yd)
Packing Size	1,290mm x 215mm x 220mm (50.8" x 8.46" x 8.66")
Net Weight	14.25kg (31.41lb) per roll
Gross Weight	16.25kg (35.82lb) per roll

Storage and Transportation

Store in a cool dry area and use within 1 year after date of receipt. Store rolls in their original shipping cartons. Partially used rolls should be returned to their shipping carton. Rolled material should be stored in the original carton. The rolls have standard spacers (core plugs) that prevent contact between the roll surface and the carton and thus the formation of pressure marks and surface damage. Please make sure that partly processed rolls are never stored without spacers.

When making the rolls available for processing, it is advisable to use a horizontal suspension system. If the rolls are stored in a vertical, freestanding position, a negative influence on the film's characteristics is not expected. It is crucial to place the roll on the spacer so as to avoid breakage at the edges and contamination.

IMPORTANT NOTICE

Exposure

Exposure to severe or unusual conditions can shorten the performance of such applications. Signs in mountainous areas that are covered by snow for prolonged periods may also have reduced durability. Atmospheric conditions in certain geographic areas may result in reduced durability.

Splice

There could be one splice per roll and additional meter will be provided in case of roll with splice.

Warranty

No warranty is given for purposes other than those listed in the Technical Datasheet or which are not processed according to REFLOMAX's processing and handling instructions. The durability of the signs will depend on a variety of 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 the responsibility of Reflomap. Please refer to the full warranty document available at www.reflomap.com for detailed information.

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