



Seiko M64s

Wide Format Printing Solution

ECLIPSE D10 White Gloss 2 YP

Description Monomeric White Gloss Self Adhesive Vinyl

Eclipse D10 series is a **White Gloss** PVC monomeric calendared self adhesive vinyl film suitable for printing with solvent, eco solvent, Latex and UV inks. It is designed to meet high resolution printing with excellent colour gamut.

Applications

- Allow the inks to cure before cutting flush to print.
- Recommended drying time should be 24-48 hours prior to lamination and installation (not latex).
- Suitable for flat surfaces.

Features

- Provides 2 years durable outdoor performance
- Excellent printing performance
- Dimensional stability and performance under a wide range of physical and climatic conditions
- Solvent based acrylic permanent adhesive

Characteristics

Item	Description
Film	100 micron opaque film with gloss finish
Thickness	125 micron with adhesive ($\pm 10\%$)
Adhesive	Acrylic based pressure sensitive (Solvent based)
Adhesive color	Clear
Liner	Clay coated paper
Application surfaces	Flat, slightly curved surfaces
Application temp.	$\geq 10^{\circ}\text{C}$ (18 to 25°C optimum)

Durability

Based on field experience and exposure test in South East Asia outdoor durability is up to 2 years for the film this does not cover printed image. Refer to ink manufacturer for durability of the finished product. Shelf life is 1 year unprinted stored at 15 to 25°C relative humidity (in original packaging)

Physicals Properties

Property	Metric Units	Test Method
Thickness (Including adhesive)	$125\ \mu\text{m} \pm 10\%$	Micrometer
Tensile strength	$\geq 1.8\ \text{kg}/\text{cm}^2$	ASTM 882
Elongation	$\geq 100\%$	ASTM 882
Peel adhesion (24 hrs)	$\geq 1,600\ \text{g}/\text{in}$	180 peeling PSTC-1
Service temp. range	$-45^{\circ}\text{C} \sim 82^{\circ}\text{C}$	Film applied Al panels 24 hrs prior test
Application temp.	$\geq 10^{\circ}\text{C}$	18 to 25°C optimum, on clean substrate
Opacity	$Tt \leq 10$	Haze Meter (Tt: Transmission)
Gloss	60 \uparrow	at 60° , in Machine Direction
Release liner thickness/weight	0.12 mm / $135\text{g}/\text{m}^2$	

Compatible Products

D10 Clear gloss and matt laminate

Printing and Material Handling

Use cotton gloves to prevent dust and finger prints marking the film surface. Check surface quality prior to printing. Suitable for Solvent, Eco Solvent and Latex printing, after printing allow up to 24 to 48 hours drying time before laminating, cutting or applying the graphic. Laminate with Eclipse matched Series 20 laminate.

Product is suitable for cold laminating

For best results ensure product has reached room temperature before use optimal conditions are a relative humidity of 50% to 60% and a temperature range between 18 to 22°C

Warranty

The information provided on this sheet represents typical properties and does not constitute a specification. No liability will be accepted for errors and omissions and in no circumstances shall DES be liable for any loss or injury arising directly or as a consequence of the publication of this data sheet

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