

TECHNICAL DATA SHEET

CITY ECO S.A.V.

Clear Adhesive Vinyl (Glossy)

Description:

Film: PVC film, 100 micron;
 Adhesive: Semi-removable clear adhesive;
 Liner: One side PE and Silicon coated, 140gsm;
 Width: 1m27

Features:

1. Excellent printability, conversion and application characteristics.
2. Good dimensional stability, applicable to most substrates, wide application range.

Applications:

Widely used in vehicle graphics, commercial advertising board, durable signs and labels, vehicle decoration, 3C products decorations;
 The product is mainly suitable for digital inkjetprinting and other printing methods with solvent ink, Eco-solvent ink and UV. Pay attention to control the viscosity of the ink. It is necessary to do ink tests before printing. Sticky ink should be avoided to prevent the shedding of coating.

Technical Data:

Testing condition: Indoor temperature 23±2°C, Relative humidity 50±5%, use aluminium, glass, steel plate as the base material for testing

Test Items	Units	Test Method	Average Value
Thickness PVC	Micron	GB/T6672-2001	100±10
Weight-Liner	g/m ²	GB4669-1995	140±10
Weight-finished product	g/m ²	GB4669-1995	290±20
Gross Rate 60°	%	GB8807-88	≥60
Initial Adhesion	N/25mm	FTM 9	≥5
24h, 180° peel	N/25mm	FTM 1	≥10
Dimensional stability MD	mm	FTM 14	≥1.5
Dimensional stability CD	mm	FTM 14	≥1.0
Tensile Strength MD	N/25mm	GB/T1040.1-2006	≥40
Tensile Strength CD	N/25mm	GB/T1040.1-2006	≥30
Construction Temperature	°C		10 ~ 35
Applicable Temperature	°C		-20 ~ +70

Storage Conditions:

All CITY products always need to be stored in their original packing and with the original protection materials, preferably stored hermetically and vertically, do not expose to direct sunlight or heat sources. In order to avoid loss of quality, CITY products should also be stored in suitable conditions, that is at a temperature of 25°C ± 5°C and a relative humidity of 50 ± 5%. Under these conditions, CITY products can be stored up to one year.

Production and Application Environment:

Production Environment: It is recommended to use CITY products at a temperature of 23 ± 2°C, a relative humidity of 50%, clean dust-free environment without suspended matter; Product shall be transferred to the printing environment in advance from the stored environment, the resting period depends on the storage environment. When printing, the ink temperature should be 18°C to 28°C, the best equipment preheating temperature is 30°C. As the solvent of ink is easy to cause adhesive swelling during printing, we suggest to remain enough margins when printing, make the trimming, cold lamination and pasting after the image is completely dry.

Application Environment: At a temperature of 18°C to 28°C, a relative humidity of 50%, Pasting on flat, smooth and clean surface without floating dust and shedding, it is necessary to take more than 2 hours for maintenance before laminating.