

DAIICHI-UV333A ECO UV CURING INK

1. Product Introduction

The UV-333(A) series is an economical UV-curable ink with excellent flowability and transfer properties. It also features fast drying, good flexibility, and vibrant colors. Applicable substrates include coated paper, gold and silver foil card, laser card, and synthetic paper.

2. Main Characteristics

UV curing, good adhesion, outstanding applicability and stability, high performance of balance on the printing stick and sink, clear dot performance, outstanding, bright color. Suitable for long time printing, good stability on the machine.

3. Property

COLOR	YELLOW	MAGENTA	CYAN	BLACK	WHITE
DM	34-36	34-36	35-37	35-37	35-37
TACK	8.0-10	8.0-10	8.0-10	8.0-10	8.0-10
GLOSS	40 ± 5	45 ± 5	35 ± 5	35 ± 5	50 ± 5
PARTICLE SIZE	Below 10µm	Below 10µm	Below 10µm	Below 10µm	Below 10µm
RUB RESISTANT	3.0(5Excel-1Poor)	3.0(5Excel-1Poor)	3.0(5Excel-1Poor)	3.0(5Excel-1Poor)	3.0(5Excel-1Poor)
LIGHT FASTNESS	5	4	8	8	/
ACID RESISTANCE	5	5	5	5	5
ALCOHOL RESISTANCE	5	5	5	5	5
FATNESS TO SOAPING	5	5	5	5	5
ALKALI RESISTANCE	5	5	5	5	5

Ink properties(as show in the table above)
Were measured as follows:

DM: Viscometer (60s/25°C)

TACK: Ink meter (60S/400roll, 32°C)

Curing machine: UV curing machine

Fineness: Fineness plates

Wear Resistance : Friction meter

Fast light grade :Poor 1-8 excellent

Other grades:Poor 1-5 excellent

4. Packing specifications:

CMYK: Metal can, net weight 1kg, 2.5kgs, etc

White ink: Black plastic can, net weight 1.5kg, etc

