

UV FLEXO PROCESS INK

Introduction

Daihei UV flexo ink suitable for rotary flexo graphic printing. This ink includes a full range of high resistance inks, which have excellent light resistance, high temperature resistance and chemical resistance.

Features/Advantages

1. It can be used in a wide range of printing substrates, including paper, PE, PP, PET and other synthetic materials
2. Fast drying speed, good leveling effect, stable printing performance, suitable for high speed printing
3. Low odor, low VOC, conforming to EU EN71-3 and ROHS directive 2002/95/EC standards
4. High gloss and high color concentration

Ink's property

parameter	Pantone Spot color	full point printing	four-color printing	remarks
anilox roll lines	160-180	120-180	300-500	Line/cm
Ink load of anilox roller	5-6	5-10	2-4	cm ³ /m ²
Anilox roll angle	60°	60°	60°	
Coating thickness	1.6-1.8	1.6-3.0	0.6-1.2	g/m ²
UV lamp power	160	160	160	w/cm
Printing speed	60-120	60-120	60-120	m/min.
Doctor blade	The use of a doctor blade is strongly recommended			



①: Lightfastness is evaluated according to ISO 12040, and is divided into 1-8 grades. The larger the number, the better the light fastness.

Use and Storage



Our UV Flexo inks have been blended to the appropriate viscosity, and can be used directly without adjustment before use. Inks should be stored in a cool environment. The recommended storage temperature is 20-25 °C. Avoid Yang Light irradiation, keep away from heat source to prevent freezing.