

Technical Data Sheet Basic Pantone

Universal series for lithographic applications

Egital Inks has developed a universal series based on vegetable oil and phenolic resins for lithographic applications to produce fast-setting series with standard viscosity and standard concentration. With the technological advancement, this series has been developed with the right rheological structure to fulfill the needs of all modern presses and high-speed press machines. The most important feature of this ink series is its generic use in lithographic applications.

This series is in line with GMP 2023/2006 standard.

Properties

1. High speed printing
2. Fast-setting
3. Pantone Standard color shade
4. Very good rub resistance
5. Grinding grade < 10 micron

Basic colours (Offset Printing Inks)	Light Fastness (1 Lowest - 8 Highest)	Alcohol	Alkali
Yellow	5	+	+
Yellow 012	5	+	+
Orange 021	5	+	+
Bright Red	5	+	+
Warm Red	3	+	-
Red 032	5	+	+
Rubine Red	5	+	-
Rhodamine Red	4	-	-
Pink	7	+	+
Purple	4	-	-
Violet	4	-	-
Blue 072	4	-	-
Dark Blue	7	+	+
Reflex Blue	5	-	+
Process Blue	8	+	+
Green	8	+	+
Black	8	+	+

Fastness properties according to ISO 12040 / ISO 2836



Technical Properties

Our Basic Pantone range are of a premium quality for sheet-fed high-speed printing & could be over-varnished.

Product	Offset printing ink
Characteristic	<ul style="list-style-type: none"> • Excellent press stability • High gloss • Excellent rub resistance • High dot sharpness • High press density <p>Drying does not cause lowering level of press density.</p>
Application	Semi-fresh series good properties at normal pressroom temperature for 16-24 hours.
Diluents	Max 3% Veg. Oil
Cleaning	Liquid Cleaner, keep dry to avoid contamination
Storage	Keep away from heat Shelf Life :36 months in unopened containers
Fount Solution	Fount solution should be added slowly in particular when ink has low covering effects. Concentration of alcohol should be less than 10% with the pH about 5 - 5.5
Typical physical constant	Aspect: Paste Viscosity: Varies by color (generally ~ 200 Poise) Specific Gravity: ~1.1 ± 0.1 g/cm ³
Printing additives	Inks are supplied ready to use. If necessary, to adapt the inks to special conditions, the below additives could be used: <ol style="list-style-type: none"> 1) For reducing tack with substrates that are susceptible to picking “Egital® Tack Reducer” 2) For accelerating oxidative drying “Egital® Siccative Liquid” 3) For avoiding skin formation beyond 24hrs, please spray “Egital® Anti-skin Liquid”
Packaging	Vacuum-sealed cans 1 kg

For further details visit our website www.egitalinks.com or email us at info@egitalinks.com

