



POWDER FREE



POWDER LESS

BEST ONE

KIRÉINA ES

BEST ONE

KIRÉINA,ES

Powder Free Process Ink Series

- Suitable for all types of straight sheet fed offset presses
- Prints in accordance with ISO 12647-2
- Very fast setting and drying
- Excellent rub resistance
- Compatible with IPA and IPA substitutes
- Medium tack
- No need to use IR
- Cobalt Free formulation
- Suitable for paper and board



ROYAL DUTCH PRINTING INK FACTORIES

A Tradition of Excellence Since 1873

BEST ONE

KIRÉINA ES

Imagine offset printing without the need to use spray powder and the ability to keep your presses and pressroom clear of spray powder deposits. This is now a reality for operators of conventional, straight sheet fed offset presses following the introduction of Best One KIRÉINA ES.

This revolutionary ink series does not require the application of spray powder to avoid set-off or blocking before the ink film is chemically dry.

Best One KIRÉINA ES incorporates the latest in varnish and resin technology. The newly developed binder technology allows for less and even powder free printing in conventional offset printing. KIRÉINA ES dries by penetration and fast oxidation, complies with ISO 2846-1 and prints in accordance with ISO 12647-2. Due to the very fast drying characteristics of the KIRÉINA ES it is not recommend to use IR drying.

As well as excellent on press characteristics, KIRÉINA ES offers good drying and rub resistance qualities when used on paper and board ranging from coated, matt & silk, to uncoated and recycled.



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RESISTANCES	Vacuum Tin 2.5 kg	Vacuum Tube 2 kg	Light- fastness	Alcohol Resistance	Alkaline Resistance	Nitro Cellulose Varnish Ability	Soap Resistance	UV Varnish Ability**	Foil Lamination Ability	Calendering Ability	Press Varnish Ability	Aqueous Coating Ability
● Process Yellow	VS6030	VS6040	5	+	+	+	+	+	+	+	+	+
● Process Magenta	VS6031	VS6041	5	+	-	+	-	+	+	+	+	+
● Process Cyan	VS6032	VS6042	8	+	+	+	+	+	+	+	+	+
● Process Black	VS6033	VS6043	8	+	+	+	+	+	+	+	+	+

** Van Son strongly recommends application of a suitable primer coat prior to application of UV Varnish.

INK SCAN		SUBSTRATES	
● Ink Duct Stability	Day Ink **	● Gloss coated	++++
● Work & Turn	9	● Matt coated	+++
● Colour Intensity	8	● Uncoated	++++
● Setting	9	● Recycled	+++
● Rub Resistance	8	● Carton Board	++++
● Gloss	9	● LWC/Label Paper	+++
● Perfecting	No		
● Eco friendly	Yes		

** Oxidative drying

Best One KIRÉINA ES process series provides the following benefits of powder free conventional offset printing:

- Cleaner pressroom and presses
- Less press maintenance
- Smoother printed surfaces
- No powder build-up when backing up sheets
- Saves time in post press
- Improved quality of post press processes (lamination)

Best One KIRÉINA ES process colours are not suitable for food packaging without a functional barrier.



