

## Technical Data Sheet

### Metal Decorating CMYK

#### Universal series for lithographic applications

Egital Inks has developed this universal series 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.

**This series is in line with GMP 2023/2006 & ISO 2846-1 standards.**

#### Properties

1. High speed printing & Fast-setting
2. Standard viscosity
3. Standard concentration
4. Baking coloured inks 15' at 180 °C.
5. Baking white inks 15' at 180 °C.
6. Baking 3-piece can: 15' at 150 °C

<b>RAPID 1040 ® Series</b>						
	Light-fastness	Alcohol	Nitro	Alkali	Tack*	C.I.
Process Yellow	5	+	+	+	25	PY 13
Process Magenta	5	+	+	-	26	PR 57:1
Process Cyan	7-8	+	+	+	26	PB 15:3
Process Black	7-8	+	+	+	26	C 7

\* 1500 RPM @ 25C

\* Lightfastness properties according to ISO 12040 1 (low) to 8 (high)

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## Technical applications

Metal Decorating series are a premium quality series for metal sheets printing.

## Printing instructions

Product	Offset printing ink
<b>Characteristic</b>	<ul style="list-style-type: none"><li>• Excellent press stability</li><li>• High gloss</li><li>• Excellent rub resistance</li><li>• Minimum dot gain</li><li>• Very high press density</li></ul>
<b>Application</b>	Semi-fresh series good properties at normal pressroom temperature for 16-24 hours
<b>Diluents</b>	Max 3% Soybean Oil
<b>Cleaning</b>	Liquid Cleaner, keep dry to avoid contamination
<b>Storage</b>	Keep away from heat  <b>Shelf Life:</b> 36 months in unopened containers
<b>Typical physical constant</b>	<b>Aspect:</b> Paste <b>Viscosity:</b> ~ 400 Poise <b>Specific Pound:</b> $1.1 \pm 0.1 \text{ g/cm}^3$ <b>Gloss Level:</b> Glossy finish <b>Substrates:</b> Compatible with a wide range of metal substrates

