



ITALIAN PRINTING INKS SRL, ZONA CONSORTILE ASI - SUD, MARCIANISE (CE)

## Dielle 8100

*Universal vegetable based series  
For lithographic applications*

IPINKS s.r.l. has developed this universal vegetable series for lithographic applications to produce a useful fast-setting series. Nowadays are requested on the market inks that are able to be used on hi-speed machines, and this series has the reological structure to fulfil this needs. The most important feature of this ink series is in any case 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. High versatility

### Colours available

Dielle 8100		LIGHT	Alchool	Nitro	Alkali	TACK
Yellow	1GI-8100-0001	5	+	+	+	15
Magenta	1RS-8100-0001	5	-	+	+	14
Cyan	1BL-8100-0001	8	+	+	+	15
Black	1NE-8100-0001	8	+	-	-	15

## Technical applications

Dielle 8100 is an high quality series with no particular printing problems. This series could be overvarnished; due to the presence of many adhesives, varnishes, etc... we recommend a trial printing. Very useful in lithographic applications.

## Printing instructions

Product	Offset printing ink	
Characteristic	Extreme good press stability, high gloss, excellent rub resistance, minimum dot gain. Very high press density. Drying doesn't cause lowering level of press density. Waiting time before printing is in general the same that other standard ink, depending on the quality of support and specific conditions could be tested. Please contact us for further technical collaboration in printing.	
Application	Dielle 8100 series is semifresh: good properties at normal pressroom temperature for 16-24 hours.	
Diluent	Max 3% OL 2000	
Cleaning	TOP wash 60, keep drying to avoid contamination.	
Storage	Take away from heating source	
Fount Solution	Fount solution should be added slowly in particular when ink has low covering effects. Concentration of isopropanole should be less than 10% with the pH about 5-5.5.	
Typical physical constant	Aspect	: viscous liquid
	Viscosity	: <b>250±10 Poise</b>
	Specific Pound	: 1.1±0.1 g/cm <sup>3</sup>

### Special notes:

Heating of printed packaging in the oven has to be carefully considered due to the potential appearance of temperature peaks. In contrast, microwave heating of packaging without acceptor laminate is not-critical. Generally the heating of packaging to temperature exceeding 200°C must be avoided.

For further informations please contact Technical Service:  
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