Encres DUBUIT
INNOVATIVE INKS

MONO-PAD – 800 Colour System

One component, solvent-based Pad printing ink for industrial applications on non-treated polypropylene

Compatible with all types of inkwells

APPLICATION

MONO-PAD is a mono-component pad printing ink intended for industrial applications on untreated polypropylene.
This ink is specially intended for online printing for manufacturers of injected objects, made of polypropylene; the ink will be all the more adherent if the PP object has just been injected.

SUBSTRATE

Untreated Polypropylene

BENEFITS

This pad printing ink is characterized by an excellent mechanical resistance.

Depending on the polypropylene manufacturing process, the latter may have lubricant residues on the surface, thus causing a loss of adhesion of the ink film.

It is therefore necessary to always check whether printing without pre-cleaning is possible.

It is strongly advised to always carry out preliminary tests before starting a production.

THINING AND DRYING

MONO-PAD must be adjusted to the desired viscosity before use using one of the following thinners:

- THINNER FAST 100
- THINNER UNIVERSAL 150
- THINNER RETARDER 200
  The thinner retarder 200 is only to be used if the 150 thinner is not sufficient.
  Add max. 3-5% of thinner 200 to the ink and then complete the viscosity adjustment with thinner 100 or 150.
  Thinner 200 should not be used alone

The choice of thinner depends on the printing parameters, the production speed but also on the machine environment.

The drying time (to the touch) is linked to the deposit of ink printed on your substrate. It depends on printing parameters such as the choice of cliché, the choice of diluent or the ambient temperature. In general, this drying time is around 2 to 3 minutes at room temperature and a few seconds at higher temperatures.

ASPECT

Glossy

CLICHES & PAD PRINTING MACHINES

The curing system of MONO-PAD ink ensures an application in open and closed machines if the ink's viscosity has been adjusted with the appropriate thinner.

Standard steel or photopolymer clichés can be used.

An etching depth of 20-30 microns is recommended for optimum layer thickness.

Best printing results will be achieved with a pad reactivated by cleaning with a solvent such as an alcohol to remove residual silicone from pad's surface.

CLEANING

The pad printing equipment (machine/plate) can be cleaned with the standard solvent from Encres DUBUIT: 93801 or with the recommended thinners from the range.

PACKING

1 kg

Encres DUBUIT – 1 Rue Isaac Newton – Z.I. Mitry-Compans – 77290 Mitry-Mory – FRANCE – Phone: +33 (0)1 64 67 41 60 – Fax: +33 (0)1 64 67 41 89 – Email: marketing@encresdubuit.com – Website: www.encresdubuit.com

STORAGE

The MONO-PAD ink series are guaranteed to be stable in their original, unopened packaging; they have a shelf life of 12 months. Storage should be at a temperature between 15 and 25 °C (59-77 °F)

COLOUR MATCHING

DUBUIT offers a full in-house colour matching service from 1 kg. Please provide as much information as possible regarding the type of substrate, colour...

HEALTH AND SAFETY

The vast majority of printing inks and related products formulated by Encres DUBUIT contain no substances of very high concern. Our products comply with the requirements of Directives 2011/65/EU (RoHS 2), 2015/863/EU (RoHS 3) and 94/62/EC (heavy metal concentration levels present in packaging). For more information about our regulatory compliance, please consult our Eco System document, available on request.

MONO-PAD RANGE
STANDARD SOLID COLOURS - 800 RANGE

ARTICLE DESIGNATION	REF.	CODE 1 KG - 1 L
MONO-PAD Lemon Yellow	805	CMOPAD805K
MONO-PAD Yellow	810	CMOPAD810K
MONO-PAD Orange Yellow	820	CMOPAD820K
MONO-PAD Orange	830	CMOPAD830K
MONO-PAD Vermilion	840	CMOPAD840K
MONO-PAD Rubine	850	CMOPAD850K
MONO-PAD Pink	860	CMOPAD860K
MONO-PAD Violet	870	CMOPAD870K
MONO-PAD Blue	880	CMOPAD880K
MONO-PAD Deep Blue	885	CMOPAD885K
MONO-PAD Green	890	CMOPAD890K
BLACK, WHITE, VARNISH		
MONO-PAD Black	13	CMOPAD013K
MONO-PAD White	83	CMOPAD083K
MONO-PAD Varnish	090	CMOPAD090K
THINNERS		
THINNER FAST 100	100	D100L
THINNER UNIVERSAL 150	150	D150L
THINNER RETARDER 200	200	D200L

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