

FLUORESCENT UVPACK SERIES

FLUORESCENT UVPACK SERIES is an UV Offset ink that represents the highest quality standard on most substrates in the market. Ink designed for Sheetfed and Letterpress printing, formulated with a very small particle size pigments dispersed in resins that shows excellent adherence on most substrates.

TECHNICAL SPECIFICATIONS

FLUORESCENT UVPACK SERIES	CODE	LIGHT (IWS)	RESISTANCE		
			ALCOHOL	NITRO	ALKALI
PANTONE® 801 BLUE FLUORESCENT UVPACK	C000000430	1-2	-	-	-
PANTONE® 802 GREEN FLUORESCENT UVPACK	C000000419	1-2	-	-	-
PANTONE® 803 YELLOW FLUORESCENT UVPACK	C000000401	1-2	-	-	-
PANTONE® 804 ORANGE FLUORESCENT UVPACK	C000000400	1-2	-	-	-
PANTONE® 805 RED FLUORESCENT UVPACK	C000000185	1-2	-	-	-
PANTONE® 806 PINK FLUORESCENT UVPACK	C000000420	1-2	-	-	-
PANTONE® 807 MAGENTA FLUORESCENT UVPACK	C000000183	1-2	-	-	-
PANTONE® 808 GREEN FLUORESCENT UVPACK	C000000399	1-2	-	-	-
PANTONE® 812 RED FLUORESCENT UVPACK	C000000431	1-2	-	-	-
YELLOW LEMON FLUORESCENT UVPACK	P000003242	1-2	-	-	-

Available colours: all Fluorescent colours of the PANTONE® GUIDE.

PRODUCT FEATURES

- High intensity and vividness
- Excellent drying with small variations in tone under UV lamp
- Good distribution and transfer
- Good dot sharpness

PRINTING BEHAVIOR

- Excellent lithographic behaviour throughout the run optimal balance and fast ink/water emulsion.

RECOMMENDATIONS

Application

Edition, Commercial and Packaging. The substrate should be as whiter as possible in order to achieve the maximum fluorescent effect. The amount of optical brighteners in the substrate will influence on the result. We always recommend doing preliminary adhesion tests.

Fluorescent pigments, especially the red, have a low lightfastness. This ink has not been formulated to resist high heat or UV varnishing. The fluorescent effect may be lost if mixed with another inks, so it is very important to avoid contamination.

UV curing speed

300 m/min or 9000 sheets/hour, with a configuration of three lamps 120 W/cm.

Fountain solution

This series is adapted to several dampening systems on the market. Its effectiveness has been tested with most additives. For a perfect IPA free printing, we recommend using SPEED WATER FOUNTAIN SOLUTION.

Rubbers and rollers. Cleaning

The use of rollers EPDM is recommended, as they show excellent performance with UV inks. These rollers are not suitable for conventional ink as it can be expanded into contact with aliphatic hydrocarbons. Nitrile rubbers not experience expansion or conventional UV inks. Solvents such as glycol or acetates have a tendency to expand rubbers. This ink can be used with most plates on the market.

No need to clean the press immediately after printing. This ink does not cure in machine and therefore can be used the next day. However, the ink can start machine polymerize if exposed to sunlight or UV light lamps.

Storage

Avoid direct exposure to sun light and heat. Store at temperature between 5 – 20 °C, if possible in a dark room. **FLUORESCENT UVPACK SERIES** have a shelf life of 12 months from production date.

PACKAGING

- 1 kg
- 3 kg

FLUORESCENT UVPACK SERIES has been developed by R&D Department of MARTINEZ AYALA, S.A.



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