

FLUORESCENT SERIES

FLUORESCENT SERIES is a semi-fresh ink for Offset Sheetfed printing, with which great intensity and purity of tone can be achieved. It has been formulated with a very small particle size pigments, dispersed in varnishes of the last generation, totally Mineral Oil free, that allow printings with great luminosity and fluorescent effect.

This series shows high pigment concentration, good press stability and great transfer.



TECHNICAL SPECIFICATIONS

FLUORESCENT SERIES	CODE	LIGHT (IWS)	RESISTANCE		
			ALCOHOL	NITRO	ALKALI
PANTONE 801 BLUE	P000000361	1-2	-	-	-
PANTONE 802 GREEN	P000000843	1-2	-	-	-
PANTONE 803 YELLOW	P000000842	1-2	-	-	-
PANTONE 804 ORANGE	P000000429	1-2	-	-	-
PANTONE 805 RED	P000000389	1-2	-	-	-
PANTONE 806 PINK	P000000469	1-2	-	-	-
PANTONE 807 MAGENTA	P000000844	1-2	-	-	-
PANTONE 809 YELLOW	P000000839	1-2	-	-	-
PANTONE 810 ORANGE	P000000837	1-2	-	-	-
PANTONE 811 ORANGE	P000000836	1-2	-	-	-
PANTONE 812 RED	P000000845	1-2	-	-	-
PANTONE 813 PINK	P000000838	1-2	-	-	-
PANTONE 814 VIOLET	P000000846	1-2	-	-	-
YELLOW LEMON	P000000841	1-2	-	-	-

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



2846-1 en colorimetría SGI 3201078



MARTINEZ AYALA, S.A.

Pol. Ind. El Saladar, C/. La Higuera, 28 - Apdo.83 - 38500 TOTANA (Murcia) Spain

+34 968 41 80 30



PRODUCT FEATURES

- High colour strength
- Excellent gloss
- Good transfer
- Good dot sharpness and trapping

PRINTING BEHAVIOR

- FLUORESCENT SERIES are very bright colours. They often requires a double plate printing to achieve optimum results, especially on offset coated papers.
- Fluorescent inks tend to be weak on press and hence should be printed at higher ink densities.
- Quick and stable ink-water balance and good stability during printing.
- Suitable for all dampening system, with or without alcohol.
- Duct fresh.

RECOMMENDATIONS

Application

Advertising, 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.

Ink drier additives may be used for fluorescent ink printing on coated papers.

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.

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

We recommend using vegetable and mineral oil resistant rubbers. Roller can be made of synthetic rubber or polyurethane. The cleaning can be operated with any non-abrasive cleaner provided by specialized suppliers. We recommend using vegetable cleaners that help to protect the Environment.

Storage

Avoid direct exposure to sun light and heat. Store at temperature between 20-25°C (68-77°F). Once the tin has been opened, the printing ink should be worked off in an appropriate way to avoid skinning.

FLUORESCENT SERIES has no expiry date at short or medium term.

PACKAGING

- 1 kg
- 2,5 kg
- 20 kg
- 200 kg

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



2846-1 en colorimetría



SGI 3201078

MARTINEZ AYALA, S.A.

Pol. Ind. El Saladar, C/. La Higuera, 28 - Apdo.83 - 38500 TOTANA (Murcia) Spain

+34 968 41 80 30

