

Graphic Screen **Inks**

POP Display
Signage

FLUPAK PPS

High gloss screen inks for pre-treated fluted polypropylene and other substrates.

Features

- Wide adhesion range
- Oil based
- High gloss finish
- Faster drying
- Good opacity
- Superior flexibility
- Low viscosity rheology
- Suitable for machine and manual printing
- One year outdoor durability for Process Colours

Substrate

Wide range of substrates such as:

Flame or corona treated polypropylene, pre-treated HDPE and LDPE, polycarbonate, acrylic, coated polyester, ABS, paper and board.

**TEST INKS ON SUBSTRATES
BEFORE PRODUCTION RUN**

SERICOL
More than ink...Solutions.

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Thinning

Maximum of 15% by weight of ink. The recommended thinners are:

TN 791- Reducer

TN 798- Slow reducer

Note: The slow reducer will increase the drying time of print.

Mesh:

Print Flupak PPS inks through 90/cm to 120/cm, monofilament polyester fabric, depending on the application.

Stencils:

Stencils can best be prepared with Sericol's stencil making products

■ **Xtend Prep 101** for abrasion of screen

■ **Xtend Prep 102** for degreasing of screen

Emulsions: Dirasol 902 or Dirasol 915

Drying:

Air dry: 30-45 minutes. Do not stack prints immediately. Allow sufficient time for through cure.

Jet dry: 60 degree centigrade, for up to 60 seconds.

Coverage

Flupak PPS inks should give coverage of 40 to 45 sq.m./kg, when printed through a 90/cm mesh.

Wash-Up

Wash up screens with SS-639 Universal Screen Wash. This will ensure long life of stencils made with Dirasol emulsions.

Pre-Production Test

End user must determine suitability of this product for the intended use prior to production.

Always test for adhesion and other properties before each production run because there can often be significant differences between substrates from different manufacturers and even between different batches.

Colour Range

The Flupak PPS is available in 13 standard, intermixable colours, a trichromatic set and a flubond aid (PPS-796).

Standard Colours:

PPS- 001	Black
PPS- 021	White
PPS- 040	Primrose Yellow (T)
PPS- 041	Lemon Yellow (T)
PPS- 043	Golden Yellow (T)
PPS- 102	P. O. Red (T)
PPS- 114	Orange (T)
PPS- 126	Magenta
PPS- 127	Violet
PPS- 164	Crimson Red (T)
PPS- 201	Peacock Blue
PPS- 204	Royal Blue
PPS- 325	Emerald Green

Trichromatic (Halftone) Colours:

PPS- 004	Trichromatic Black
PPS- 052	Trichromatic Yellow
PPS- 135	Trichromatic Magenta
PPS- 215	Trichromatic Cyan
PPS- 396	Trichromatic Ext. Base

PPS-796	Flubond*
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* - Adhesion Promoter

Flubond Aid (PPS-796)

The surface treatment given to polypropylene would decay over a period of time. Thus the surface tension on the substrate would reduce. This could cause inconsistency in the adhesion of the Flupak inks to the substrate. To ensure 100% adhesion, without the worry of surface treatment levels, it is recommended that Flupak PPS-796 Flubond Aid be applied, with cotton, to the substrates prior to printing of Flupak colours.

Application

The Flupak PPS inks are intended for screen printing of POP display, signage, visiting cards & letter heads.

Storage

- Keep inks in a cool place, away from direct sunlight.
- Keep lids tightly closed when not in use.
- Any unused ink should not be returned to the can, must be stored separately.
- Shelf life is two years from the date of manufacturing.
- **Stir well before every use.**

Safety and Handling

Products marked (T) contain lead and therefore should not be used on objects liable to be chewed by children and may cause harm to unborn child. All other products are formulated free from lead and other heavy metals.

Comprehensive information on the safety and handling of Flupak PPS screen inks is given in the Material Safety Data Sheet, which is available on request.

Environmental Information

Flupak PPS ink system does not contain ozone-depleting chemicals as described in the Montreal Convention

The information and recommendations contained in this Product Information sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other material vary. For the same reason, our products are sold without warranty and on the condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvements might make some of the information contained in the Product Information sheet out of date and users are requested to ensure that they follow current recommendations.

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