

Graphic Screen Container Decoration

INKS

POLYFIX SUPER PX

Gloss ink for Treated LDPE, HDPE, PP Substrates

Features

- Oil Based
- Good Gloss
- Excellent Adhesion
- Suitable for Machine and Manual Printing.
- Good Screen Stability and Self Solvency
- Excellent printability with sharp definition
- Good storage stability.

Substrate

Flame/Corona treated LDPE, HDPE, PP Containers and Sheets

TEST INKS ON PXBSTRATES
BEFORE PRODUCTION RUN

SERICOL
More than ink...Solutions.
FUJIFILM

Thinning

Maximum of 15% by weight of ink used. Please refer section on Polyfix Super Reducers

Mesh:

Print the Polyfix Super PX inks through 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 and preparation of screen
- Xtend Prep 102 for degreasing of screen

Emulsions:

Dirasol 902 or Dirasol 915

Drying:

Air Dry: 1-2 hours.

Jet Dry: 65-80 degree centigrade, for upto 20 to 30 minutes.

Note : Do not stack prints immediately. Allow sufficient time for through cure preferable over night cure.

Coverage:

Polyfix Super PX inks gives 35 to 40 sq.m./kg, when printed through a 90/cm mesh and 50-60 sq.m/kg for 120 /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 treatment of Containers:

The substrate must be flame pre-treated to a level of 40 to 44 dyne/sq.cm. prior to screen printing.

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.

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.

Application:

The Polyfix Super PX inks are widely used for flame or corona treated HDPE, LDPE, PP moulded containers and sheet material etc.

Caution: Polyfix Super PX is not recommended for prolonged outdoor exposure

Colour Range

The Polyfix Super PX is available in 20 standard intermixable colours, Gold medium, Tinting medium and Process Colours.

Colour Matches

Colour matches can be supplied against prints and / or wet ink.

a) Lead Free Colours

PX-001	Black
PX-020	Extra Opaque White
PX-021	White
PX-121	Scarlet Red
PX-122	Deep Red
PX-127	Violet
PX-207	Bronze Blue
PX-201	Peacock Blue
PX-204	Royal Blue
PX-236	Rich Royal Blue

b) Lead Containing Colours

PX-040	Primrose Yellow (T)
PX-043	Golden Yellow (T)
PX-102	P. O. Red
PX-114	Orange (T)
PX-325	Emerald Green (T)
PX-343	Brown (T)

Process (Halftone) Colours

Polyfix Super PX Ink System consists of trichromatic colours:

PX-004	Process Black
PX-052	Process Yellow
PX-135	Process Magenta
PX-215	Process Cyan

Polyfix Super Reducers

TN-720	Reducer
TN-706	Reducer (Fast Drying)
SS-639	Universal Screen Wash

Safety and Handling

- Product 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 Polyfix Super PX screen inks is given in the Material Safety Data Sheet, which is available on request.

Environmental Information

Polyfix Super PX 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 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 materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Product Information sheet out of date and users are requested to ensure that they follow current recommendations



FUJIFILM SERICOL INDIA PVT LTD,
10/11,B.U.Bhandari Industrial estate. Sanaswadi, Tal.Shirur, Dist.Pune 412 208,
Tel.: 02137 392500/537,Fax: 02137 392555
E-mail: sericolindia.customercare@fujifilmsericol.com
Customer Care Tel: +91(0) 2137 392552
Technical Help line: +91 (0) 2137 392523/524/525, E-mail: sericolindia.technicallab@fujifilmsericol.com
Website: www.sericolindia.com



International Standards
Certification
R.No: QACR/0909

International Standards
Certification
R.No: EMS/01/0919

Mumbai
Plot no 3/116,
Marol Co-op. Indl. Estate Ltd.
Opp Marol Bhavan, Makwana Road,
Marol Andheri (East), Mumbai-
400059
Tel.: +91-22-28592563 / 64
Fax: +91-22-28509718
E-mail:
sericol.mumbai@fujifilmsericol.com

Tirupur
18/2, K.V.R. Nagar, Main Road,
Near Nair Hospital,
Karuvampalayam,
Tirupur 641 604
Tel: (0421) 2232850/22326972
E-mail:
sericol.tirupur@fujifilmsericol.com

Ludhiana
Upper India Steel Road, Focal Point,
Ludhiana-141010.
Tel: + 91- 161- 505 1817, 508 4245
Fax: + 91 - 161 - 508 4245
E-mail:
vikram.malhotra@fujifilmsericol.com

Kolkata
16/1 Panchnantala Road, Belgharia,
Kolkata-7000 56.
West Bengal Tel.: +91-033 - 25560450
Fax: +91-033 - 25560450
E-mail:
dipankar.sasmal@fujifilmsericol.com

Chennai
13, T.T.K.Road, Royapettah,
Chennai-600014
Tel.: +91-44-28113239
Fax: +91-44-28111383
e-mail:
sericol.chennai@fujifilmsericol.com

Delhi
B50, Naraina Ind Area, Phase II,
Near Banquet Hall, New Delhi-
110028.
Tel.: +91-11-25453247 / 9613, +91-
11-30931600
Fax: +91-11-25459613
e-mail:
sericol.delhi@fujifilmsericol.com