

Speciality Screen

ink

VYNOBOND EV

Screen Printing Ink for wide range of EVA substrates like Slippers / Footwear products

FEATURES

- Solvent based
- Gloss finish
- Good Flexibility
- Excellent screen stability and self solvency
- Suitable for manual and machine printing
- Fast Drying
- Good Storage Stability
- Unlimited colour matching capability

Substrate :

Wide range of EVA Substrates used for Slippers / Footwear products

**TEST INKS ON SUBSTRATES
BEFORE PRODUCTION RUN.**

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Applications:

Vynobond EV inks are widely used for the screen printing on EVA substrate like Slippers / Footwear products.

Colour Range:

The Vynobond EV is available in 27 standard intermixable colours.

Colour Matches:

Colour matches can be supplied against prints or wet ink.

A) Lead Free Colours:

EV 001	Black
EV 002	Opaque Black
EV 021	White
EV 023	Extra Opaque White
EV 025	Extra Special Opaque White
EV 045	Lemon Yellow
EV 046	Golden Yellow
EV 123	Indian Red
EV 167	Crimson Red
EV 287	Viridine Green
EV 327	Emerald Green
EV 201	Peacock Blue
EV 202	Opaque Peacock Blue
EV 204	Royal Blue
EV 205	Opaque Royal Blue
EV 236	Rich Royal Blue
EV 300	Primer

B) Lead Containing Colours:

EV 041	Lemon Yellow (T)
EV 042	Opaque Lemon Yellow (T)
EV 043	Golden Yellow (T)
EV 044	Opaque Golden Yellow (T)
EV 120	Indian Red (T)
EV 122	Opaque Indian Red (T)
EV 164	Crimson Red (T)
EV 285	Viridine Green (T)
EV 325	Emerald Green (T)
EV 326	Opaque Emerald Green (T)

C) Vynobond Reducers:

SS 521	Reducer
SS 529	Slow Reducer
SS 639	Universal Screen Wash

Use of Vynobond EV Primer:

Vynobond EV 300 primer is recommended to use on EVA and other footwear substrate before printing. This will give a better adhesion after printing as well as improved rub resistance.

Caution: 1) Primer must be applied evenly all over the printing area.

2) Substrate must be free from dirt, moisture and oily substances before primer application.

3) Primer applied substrate must be handled carefully and should not be handled with bare hands. Care should be taken to avoid any damage that will affect applied primer.

Thinning :

Maximum of 15% by weight of ink used. Various options for thinning are available. Please refer to the section on Vynobond Reducers.

Mesh :

Print Vynobond EV inks through 43/cm to 77/cm, monofilament polyester fabric, depending on the application. For fine details & half tone printing, use amber or yellow coloured fabric.

Stencils :

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

Xtend Prep 101 for abrasion of screen mesh

Xtend Prep 102 for degreasing of screen mesh

Emulsions: Dirasol 132(single pack) or Dirasol 915(two pack)

Wash Up:

Wash up screens with SS 639 universal screen wash. This will ensure long life of stencils made with Dirasol emulsions.

Coverage:

Vynobond EV inks should give coverage of 20 to 25 sq.m/kg, when printed through a 43/cm mesh.

Drying :

Air Dry: Up to 10 minutes. Do not stack prints immediately. Allow sufficient time for through cure.

Jet Dry: 55 to 65 degree centigrade, for up to 60 seconds. Prints must be cooled to an ambient temperature before stacking.

Pre-Production Test:

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.

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

Storage :

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

Safety and Handling:

Products marked (T) contains 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 Vynobond EV screen inks and solvents is given in the Material Safety Data Sheet, which is available on request.

Environmental Information:

Vynobond EV Ink System does not contain ozone-depleting chemicals as described in the Montreal Convention.

Fujifilm Sericol India Pvt Ltd

- Has certification to the international Environmental Standard, ISO 14001.
- Is committed to minimizing the risk to users of our products, and also to minimizing the impact of our activities on the environment, from formulation through to production and supply.
- Regularly review and monitor our impacts and activities, setting objectives and targets as part of a continual improvement process.
- Is committed to reduce waste through better use of raw materials, energy, water, re-use and recycling.

Important Note:

The information and recommendations contained in this product information sheet as well as technical advice otherwise given by representative of our company, whether verbally or in writing, are based on our present knowledge and experience. Such information/ technical advice is given in good faith, but without warranty, in view of the many factors that may affect processes or applications 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 the products will meet fully the particular requirements of the labels/ brands/ agencies of their clients and also that no proprietary rights and existing laws and legislation are violated.

Our advice does not relieve processors from the responsibility of carrying out their own tests and experiments, nor does it imply any legally binding assurance in respect of properties or suitability for a specific purpose or of the legal status of the listed products.

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.

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