

Graphic Screen Inks

Labels, Stickers

POP Display

VYNOSHINE VY

Indoor Screen Inks for Wide Range of Plastics

Features

- Solvent Based
- Excellent Gloss
- Good Flexibility
- Excellent Screen Stability & Self Solvency
- Suitable for Machine & Manual Printing
- Fast Drying
- Good Storage Stability

Substrate

Wide range of plastics such as:

PVC, CAB, ABS, PC, Acrylics & Coated Polyester

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

SERICOL
More than ink...Solutions.

Thinning

Maximum of 20% by weight of ink used. Various options for thinning are available. Please refer to section on 'Vynoshine Reducers'.

Mesh

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

For fine details & half tone printing, use amber or yellow coloured fabric.

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 132 single pack or Dirasol 915 two-pack.

Drying

Air dry: up to 20 minutes. Do not stack prints immediately. Allow sufficient time for through cure.

Jet dry: 55 to 65 degree centigrade, for up to 30 seconds. Prints must be cooled to ambient temperature before stacking.

Coverage

Vynoshine VY inks should give a coverage of 50 to 60 sq.m./kg, when printed through a 120/cm mesh.

Wash Up

Wash up screens with SS639 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.

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 to three years from the date of manufacture.
- **Stir well before every use.**

Applications

The Vynoshine VY inks are widely used for in door POP display, decals, stickers etc..

Colour Range

The Vynoshine VY is available in 21 standard intermixable colours, High Gloss Transparent colours and Process Colours.

Colour Matches

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

a) Lead Free Colours

VY001	Black
VY-021	White
VY-022	Untoned White
VY-102	P. O. Red
VY-128	Bright Magenta
VY-127	Violet
VY-137	Bright Violet
VY-201	Peacock Blue
VY-206	Deep Blue
VY-204	Royal Blue
VY-236	Rich Royal Blue
VY-712	Tinting Medium

b) Lead Containing Colours

VY-040	Primrose Yellow (T)
VY-041	Lemon Yellow (T)
VY-043	Golden Yellow (T)
VY-114	Orange (T)
VY-120	Indian Red (T)
VY-164	Crimson Red (T)
VY-343	Brown (T)
VY-344	Dark Brown (T)
VY-285	Viridine Green (T)
VY-325	Emerald Green (T)

a) PVC High Gloss Transparent Inks

VY-044	Transparent Yellow
VY-121	Transparent Red
VY-136	Transparent Magenta
VY-202	Transparent Peacock Blue
VY-203	Transparent Rich Royal Blue
VY-318	Transparent Green

Process (Halftone) Colours

Vynoshine VY Ink System consists of trichromatic colours:

VY-004	Process Black
VY-052	Process Yellow
VY-135	Process Magenta
VY-215	Process Cyan
VY-712	Tinting Medium

Vynoshine Reducers

TN-709	Reducer
TN-710	Reducer (Slow Drying)
SS-639	Universal Screen Wash

The reducer (slow drying) will increase the drying time of print.

Co-Use with other Inks

Vynoshine VY Ink System may be safely intermixed with Supersilk SK, although compatibility should always be checked before taking production run.

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 Vynoshine VY screen inks and solvents is given in the Material Safety Data Sheet, which is available on request.

Environmental Information

Vynoshine VY 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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