

IcoPrint Fluorescent VF

Solvent-based fluorescent ink

Issue No. 008/2019

IcoPrint Fluorescent VF are low odour inks designed for use on self-adhesive and rigid PVC, self-cling PVC, top coated polyester, acrylic and polycarbonate sheet, ABS, CAB and some grades of polystyrene.

Properties

Exceptionally low odour of ink and finished print. Exceptional brilliance with maximum visibility at dusk and dawn. Fast drying with excellent screen stability and self-solvency.

Outdoor Use

Fluorescents VF have exceptional brilliance. When a heavy ink deposit is printed through a coarse mesh (e.g. No. 71T monofilament), 6-12 months outdoor life may be expected in a temperate climate. Indoors, away from direct sunlight, they will last almost indefinitely.

Plastics

Certain plastics may be impregnated with lubricants which, like plasticiser migration, may impair adhesion and block resistance a considerable period after printing. This can usually be overcome by wiping the surface with White Spirit before printing. Surface adhesive left from protective papers on rigid PVC and acrylic sheets should be removed in line with supplier's instructions.

Certain plastics can become brittle when printed, possibly to the point of shattering, often only after several weeks.

It is therefore essential to check compatibility between ink and plastic to guard against all these problems.

Vacuum Forming

Fluorescent VF is suitable for vacuum forming on PVC, Polystyrene, ABS and certain grades of CAB and Cellulose Acetate.

Main Characteristics

Finish

Matt

Drying

Jet drying: 50°C, 10-17 secs.

Air drying: 3 minutes approximately.

Thinning and Wash-up

5-10% with ZC521.

Wash-up

Universal Screen Wash ZTC639.

Mesh

Nos. 71-90 monofilament.

Stencil Type

All solvent resistant.

Recommend:

Dirasol 915

Coverage & Mesh No.

30-35m²/kg No. 90

Colour Range

5 shades

Co-Use with Other Inks

IcoPrint Fluorescent VF may be mixed in all proportions with IcoPrint Vinyl Gloss VG, and IcoPrint Matt VM, and be used to overprint fully dried prints of them.

IcoPrint Fluorescent VF should not be overprinted by other inks as they can bleed through.

IMPORTANT: Stir well before every use. When printing double-sided work, extreme care is required to avoid blocking.

If possible, interleave double-sided work on boards.

Always test application fully before beginning production run.

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Colour Range

VF053	Yellow
VF105	Orange
VF137	Red
VF139	Magenta
VF312	Green

Available in 5 and 1Kg containers

Solvent

ZC521	Thinner
ZV556	Fast Thinner

Available in 5 ltr containers

Special Matches

Colours can be supplied against prints, wet ink samples or to PANTONE references, British Standard, 'HKS' or 'Munsell' numbers. A sample of the substrate to be printed with the number and type of mesh to be used as well as other relevant data should be attached to orders. Minimum quantity 5 kg.

Safety and Handling

IcoPrint Fluorescent VF:

- Is formulated free from lead and other heavy metals and is tested to comply with the EN71-3:2013 Toy Safety Standard.
- Formulated to be non-flammable and meets non-DG transport and storage regulations

Comprehensive information on the safety and handling of IcoPrint Fluorescent VF screen inks and solvents is given in the appropriate ICONINKS Safety Data Sheet, available upon request.

Environmental Information

IcoPrint Fluorescent VF:

- 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 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.

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