



PRISMATIC INKS PTY LTD

ACN 144 712 603

ABN 68 144 712 603

33 Britton St SMITHFIELD NSW 2164

PO Box 2090 SMITHFIELD NSW 2164

Ph. +61 2 9729 1929 Fax +61 2 9729 3005

PRODUCT DATA SHEET

UV FLEXO FLUORO INK - SERIES 1268xx

Product Type

UV curable flexographic fluorescent ink

Properties

A range of locally developed and manufactured fluorescent inks suitable for flexographic printing and roller coater application. The ink is suitable for a number of substrates including clay coated boards, papers, vinyls and (treated) plastics. Interdeck drying is necessary between print stations.

Notable features of this ink are

- * Exceptional transparency
- * Good Flow and transfer
- * Formulated to minimise “lamp burn” on the press
- * Excellent can stability and good on-press stability overnight.
- * Excellent hold-out and gloss on paper and board stocks. Easily overfoiled and overprinted

Colour range

All pantone colours (800-814) made to order. Chartreuse and clear (blue and yellow OCR) also available.

Application

Fluorescent inks are tinctorially weak compared to conventional pigments and generally require heavier film weights to be applied. Use coarse aniloxes (#180-#220 lpi) with cell depth 18 um approx. If these are unavailable it may be possible to run certain jobs without a doctor blade using impression pressure to control film weight. Solids on white are effective, but avoid printing text. Excessive UV drying can “burn-out” the colour. Run fluoro colour “last down” at the highest possible speed to minimise exposure to UV lamps. Use only low amine UV varnishes at the lowest film weight in order to minimise any bleaching caused by the varnish.

Typical performance characteristics

Viscosity:	1000 cPs approx. @ 25°C
Cure:	40 m/minute per 120W/cm MPMV lamp
Chemical resistance:	Poor-fair
Lightfastness:	Poor (BWS 2-3)

The Problem Solvers

www.prismaticinks.com.au

All information is given in good faith without warranty. This information does not constitute a specification. Users are encouraged to assess the product under their own conditions and for their own applications.