



PRISMATIC INKS PTY LTD

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PRODUCT DATA SHEET

UVIMAX OFFSET INK - 120xx/130xx

Product Type

UV curable offset lithographic/letterpress ink

Properties

A range of locally developed and manufactured offset lithographic inks for clay coated boards, papers and many (treated) plastics. The inks may be applied wet on wet (over UV inks) or interdeck curing may be employed between coats.

Improved features of this ink are:

- * Minimal piling on long production runs
- * Improved colour strength and print definition with black for text, reverses and solids to the point where text and solids may be printed from the same plate.
- * Improved opacity for opaque white to levels approaching screen white.
- * Improved colour strength for most pantone colours.
- * The body of the ink is less susceptible to temperature change and roller shear.

Uvimax O/S Inks are low in post-cure odour and do not contain heavy metals, phthalates, vinyl chloride or benzophenone. They are therefore suitable for a variety of (indirect) food contact packaging applications. *Uvimax LO (140xx)* is the preferred choice for food application - Refer to the TDS for this product or to Prismatic Inks Technical Department.

Colour range

Full range available Including Lightfast (130xx) and fluorescent.

Typical performance characteristics

Water uptake:	28-30% approx. at 10 minutes
Cure:	50 m/minute per 120W/cm MPMV lamp @1.5gsm
Chemical resistance:	varies with colour or pigment but generally very good resistance to water and other common solvents.
Adhesion:	Very good adhesion to a wide range of paper and (treated) plastics including PE, PP and most (coated) foil and vinyl stocks. Because of stock variability (e.g. differing dyne levels) it is always recommended to check adhesion during make ready.
Lightfastness:	similar to that of conventional oleophilic inks of the same pigmentation.

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

The Problem Solvers

www.prismaticinks.com.au

