



PRISMATIC INKS PTY LTD

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PRODUCT DATA SHEET

UVIMAX LO - OFFSET INK - 140xx

Product Type

UV curable low-odour 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.

The main features of this ink are:

- * Minimal piling on long production runs
- * colour strength optimised for print definition with black for text, reverses and solids to the point where text and solids may be printed from the same plate.
- * ink body optimal for Australian temperatures and ranges.

Uvimax O/S Inks are low in post-cure odour and do not contain heavy metals, Fanal pigments, phthalates, vinyl chloride, benzophenone or isopropylthioxanthone. They are therefore suitable for a variety of (indirect) food contact packaging applications. Refer Prismatic Inks Technical Dept for more detail compliance information.

Colour range

Basic pantone colours and mixes possible excluding metallic 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 – refer to separate TDS.

THE PROBLEM SOLVERS

www.prismaticinks.com

