



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 1930

PRODUCT DATA SHEET

UV FLEXOGRAPHIC INK LO 146XX

Product Type

UV curable flexographic ink

Properties

A range of locally developed and manufactured inks suitable for printing using flexographic techniques with good hold-out, adhesion, gloss and cure speed on a variety of clay coated boards, papers and other cellulosic substrates. The inks also have good adhesion to many plastics including vinyl and polypropylene. (Corona discharge treatment may be required).

The inks require interdeck curing between coats. Gloss levels, resistance properties and print characteristics are superior to all solvent and water based flexographic inks.

These Inks are also suitable for thermal stocks and may be foil blocked or thermal-ribbon printed with care.

UVFL LO 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.

Colour range

Some limitations for food packaging applications. Refer Prismatic Inks Technical Dept.

Typical performance characteristics

Drying time:	0.03 seconds approx. (after UV irradiation)
Cure:	40 m/minute per 120W/cm MPMV lamp approx
Viscosity:	1000 cPs approx, flowing liquid.
Aromatic Hydrocarbons:	< 0.01%
VOC:	< 1g/Ltr
Acute Oral Toxicity:>	5000 mg/Kg [uncured, Cured ink is biologically inert]
Heat Resistance:	Very Good
Water Resistance:	Excellent
Chemical resistance:	Excellent resistance to mild acids, alkalis and most common solvents including alcohols and water. Oil resistance is good.
Lightfastness:	Similar to that of UV letterpress inks of the same pigmentation.

Packaging

4 and 10 litre plastic or 20 Litre O/H metal pails

