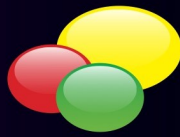


# PARAGON INKS

GLOBAL INK SPECIALISTS

an ALDUS company



## UVDRY NEW BLUE FLUORESCING ELEVATION VARNISH

V379

### Description

This varnish is Benzophenone, ITX and BDK free and provides a raised profile for decorative and tactile effects which fluoresces when viewed under an Ultra Violet fluorescent light source, 315 to 400nm, (otherwise known as UV black light).

### Key Features and Advantages

- Benzophenone, ITX and BDK free.
- Complies to the EuPIA Exclusion Policy.
- Provides a raised area for visual and textured results.
- This coating is designed to achieve a rating of 7-8 on the Ciba scale. This is a standard measurement of the 'whiteness' of a coating when viewed under a UV light source. The optical brightness can be altered by filmweight, the heavier the film the 'whiter' the finish.
- Fluoresces blue under UV black light.
- High transparency.
- Fast for cure.
- Good flexibility at high film weights.
- Viscosity suited to printing via a letterpress duct or rotary screen.
- A height of 0.5mm can be achieved.
- V379 offers good adhesion on a range of substrates.

### Technical Specification

Viscosity	1600 – 1800 cps at 25°C
Recommended Coat Weight	10.0 g/m <sup>2</sup>

### Application

For letterpress the best results are achieved by running the letterpress roller train as open as possible.

When running on screen units the optimum mesh types are as follows:

Gallus – BT or BZ will result in a printed ink film thickness of approximately 280µm.

Stork – RM 75 40% will result in a printed ink film thickness of approximately 260µm.  
(This can enable a height of 0.5mm to be achieved)

### Points to note

When printed at the high film weights this varnish will exhibit some air entrapment and this may alter the visual effect of the colours it is printed over.

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## **Substrates**

Suitable for paper, boards, synthetics and most label stocks.

NB. Due to the wide variety of synthetic substrates available we cannot provide guarantees for ink adhesion. We recommend the use of good quality top coated substrates. Non - top coated substrates can also be converted providing the material is corona treated or primed prior to printing.

It is recommended that adequate testing be carried out prior to production runs.

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## **Overprinting**

This product is not suited to direct overprinting using thermal transfer, hot foil or laser.

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## **Other Information**

This product has the potential for use on indirect food packaging, on the condition that Food Packaging Compliance (FPC) can be demonstrated.

Product must be mixed/stirred thoroughly to ensure consistency prior to printing, failure to do so may alter the performance or finish of the varnish.

When printing on digitally printed labels we would recommend corona treatment of the Digital image prior to applying the varnish for the best results. Thorough testing is recommended initially to ensure a satisfactory result is achieved.

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## **Storage & Shelf Life**

V379 has a guaranteed shelf life of 12 months but storage conditions are imperative. The container should be closed immediately after use and stored in a dry area at 5-18°C away from direct sunlight. This guarantee only applies to sealed, unopened containers.

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The information contained in this General Information sheet is based on the experience of Paragon Inks (Holdings) Limited and our internal laboratory test procedures. It is not to be interpreted as a warranty or guarantee in any form as conditions and variables beyond our control can affect the end result. We recommend press trials when using new substrates and other print related variables for suitability purposes. We reserve the right to alter any product data as a result of technical or manufacturing processes.

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