

# Ultraking® 100-BF/1A Plas

Modern UV flexo gloss coating for commercial and packaging applications

## EC coating for sheetfed offset and web offset

### Product Features

- Ultraking® 100-BF/1A Plas is a modern UV gloss flexo coating, which has been developed for both commercial and packaging applications.
- Ultraking® 100-BF/1A Plas is suited for coated and uncoated papers and boards, as well as for various non-porous materials.
- Ultraking® 100-BF/1A Plas is formulated to give the highest possible production performance whilst ensuring compliance with industry safety regulations. Not suitable for double-sides coating applications.
- Ultraking® 100-BF/1A Plas is not a low migration coating, as a consequence is not suitable for primary food packaging applications. It can be used as a secondary food packaging only if the primary food packaging acts as a functional barrier. In addition, there should not be a direct contact between the printed and coated image and the contents of the food package.
- Ultraking® 100-BF/1A Plas is suitable for foil-blockable /gluable /overprintable further applications.

### Advantages of Ultraking® 100-BF/1A Plas

- Gloss effect.
- Fast curing speed.
- Designed for papers and boards as well as for non-absorbent materials.
- Overprintable, foil blockable, gluable.
- 100 % solid – no VOC emissions.

# Ultraking® 100-BF/1A Plas

## Shelf life and storage

Not flammable.  
Recommended storage temp. 5-35 °C.  
Direct sunlight should be avoided to prevent polymerization.  
Stable for a minimum of 18 months from the date of manufacture.

## Special notes

Ultraking® 100-BF/1A Plas is formulated to be free of benzophenone, benzophenone derivatives and ITX free, except technically unavoidable impurities.

To get optimal results we recommend an accurate control of the polymerization process under the UV lamps.

Ultraking® 100-BF/1A Plas is formulated in accordance with the following guideline of EuPIA (European Printing Ink Association, [www.eupia.org](http://www.eupia.org)): Exclusion List for Printing Inks and Related Products.

100% solid – no VOC emissions.

## Packaging

20 kg pails. 200 kg drums, 1000 kg containers.

## Viscosity

100 mPa.s +/- 20% GARDNER 25 °C

## Substrates

Ideally suited for coated and uncoated papers and boards, as well as for various non-porous materials, such as rigid and flexible PVC, polypropylene, polystyrene, polyesters...

In view of the wide substrates offered by various manufacturers and in order to check the suitability for the printing of food packaging, we recommend carrying out your own tests before starting a print run.

## Printing Process

Flexographic unit.  
Flexo unit on offset press.  
Not suitable for double side coating.

## Code

VW70-0Q9I

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