

Ultraking® 100/1A

Modern UV flexo gloss coating for commercial and packaging applications

EC coating for sheetfed offset and web offset

Product Features

- Ultraking® 100/1A is a modern UV gloss flexo coating, which has been developed for both commercial and packaging applications.
- Ultraking® 100/1A is suited for coated and uncoated papers and boards.
- Ultraking® 100/1A is formulated to give the highest possible production performance whilst ensuring compliance with industry safety regulations. Not suitable for double-sides coating applications.
- Ultraking® 100/1A 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® 100/1A is not suitable for foil-blockable /gluable /overprintable further applications.

Advantages of Ultraking® 100/1A

- Gloss effect.
- Fast curing speed.
- Not overprintable, not foil blockable, not gluable.
- 100 % solid – no VOC emissions.

Ultraking® 100/1A

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® 100/1A is formulated to be ITX free, except technically unavoidable impurities.
To get optimal results, we recommend an accurate control of the polymerization process under the UV lamps.
Ultraking® 100/1A is formulated in accordance with the following guideline of EuPIA (European Printing Ink Association, 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.

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

VW77-0311

More products. Streamlined access. Greater results.

Flint Group offers a uniquely powerful combination of products, services and expertise; giving you access to the industry's broadest range of pressroom products.

Inks & Coatings. Pressroom Chemicals. Blankets. Sleeves. Consumables.

Rely on us for consistency, reliability and customer focus. Our aim is to make it easier for you to achieve your business goals. With Flint Group products in your pressroom, you can run your business with confidence and peace of mind.

You are welcome to contact us for further information.

The aim of our technical documents is to inform and advise our customers. The information provided herein is correct to the best of Flint Group's knowledge. No liability for any errors, facts or opinions is accepted. Customers must satisfy themselves as to the suitability of this product for their application. No responsibility for any loss as a result of any person placing reliance on any material contained herein will be accepted.

Flint Group
Commercial, Publication & Sheetfed Inks
Sieglestrasse 25
70469 Stuttgart, Germany

T +49 711 98 16-0
F +49 711 98 16-700
sheetfed@flintgrp.com
www.flintgrp.com

Product names followed by ® are trademarks registered by Flint Group (represented by Flint Group US LLC or Flint Group Germany GmbH).