

# INKTECH

INNOVATION IN INK

PACKAGING INK SPECIALISTS

---

## NOVA

SOLVENT-BASED INK SYSTEM

---

# Technical Data Sheet

### INKTECH Ltd

Crawford Street  
Rochdale, Lancashire  
OL16 5NU, United Kingdom  
[sales@inktechinnovation.co.uk](mailto:sales@inktechinnovation.co.uk)  
+44 (0) 1706 868844

### INKTECH B.V.

Minosstraat 19,  
Tilburg  
5048 CK, The Netherlands  
[sales@inktechbv.nl](mailto:sales@inktechbv.nl)  
+31 137370035

**NOVA is a range of Nitrocellulose (“NC”) free solvent-based flexographic inks and lacquers for surface printing, and with excellent adhesion to polyolefin films such as BOPP. NOVA ink products are heat resistant and therefore suitable for use in heat-seal areas. Typical applications include snack food packaging. NOVA inks are available as finished inks or as a base + additive scheme. NOVA functional lacquers, coatings and special effect products (such as Matt and Tactile) are available within the range.**

---

## **ADVANTAGES:**

- Excellent adhesion to the substrate.
- Excellent rub, scratch and scuff resistance.
- Highly pigmented and high gloss.
- Heat resistance 180°C to 220°C.
- Suitable to run at a variety of press speeds
- 50-350mpm.
- Excellent release and non-blocking.
- Low odour, low migratables and low solvent retention.
- Monomeric plasticiser free.

## **PRODUCT BENEFITS AND SUITABILITY:**

- Designed for long press runs with minimal adjustments and press side maintenance giving excellent colour value with easy clean-up and re-solubility.
- Available from stock in a range of colours.
- Also available as a Tech Varnish for Base Scheme customers.
- The ink is supplied neat and can be diluted with suitable thinners / medium to obtain the required viscosity.

## **DILUTION AND WASH-UP:**

|              |                                     |
|--------------|-------------------------------------|
| Standard     | 3:1 Ethanol / Normal Propyl Acetate |
| Fast Thinner | 3:1 Ethanol / Ethyl Acetate         |
| Retarder     | Ethoxy Propanol                     |

## WASH UP SOLVENTS:

Standard wash up solvents can be used e.g. Alcohol / Ester blends.

## HANDLING:

NOVA ink products are classed as highly flammable.

Suitable precautions should be observed to avoid ignition sources.

## STORAGE:

10°C ←————→ 35°C



- Shelf life is 12 months, when properly stored at temperatures between +10°C and +35°C.

## END-USE PRECAUTIONS:

Acceptable technical performance of NOVA ink products is dependent on control of standard industry variables, some of which are:

- Control of film weight and viscosities.
- Correct backing-white where applicable.
- Adequate drying on press.
- Adequate film treatment / type.
- Control of any migratable substances within the print, film or adhesives.
- Suitable levels of corona treatment.

Choice and control of film weight, drying conditions, substrate and backing white are technical requirements for which the Inktech Technical and Technical Sales team can provide assistance in the form of suggestions or support.

## CLEANING:

- Immediately clean the printing unit or any concerned machine parts with a suitable cleaning solution.
- Disposal of waste product and packaging should follow local and national regulations. Do not let any printing products or cleaning waste enter local drains.

## TECHNICAL ASSISTANCE:

- Our experienced laboratory technicians are dedicated to providing innovative technical solutions to ink developments and if necessary, will customise formulations to your specific requirements, ensuring the optimum outcome for you.
- The team also supply free pantone matching support if you require any colour please call/email and we will be happy to send a formulation for mixing.
- All colours are matched using the latest X-RITE PANTONE software and spectrophotometers.

## FOOD PACKAGING:

It is the ultimate responsibility of the food packaging supply chain to ensure packaged food is safe. With regard to potential migration of substances into food from the printed packaging, it is the responsibility of the printer/converter and food packager to ensure that no such migration occurs beyond permitted regulatory levels. To fulfil its responsibility within the supply chain Inktech will provide details to the customer of potential migratable components, where present in its inks, through the preparation and communication of a 'Statement of Composition' (available on request).

*Inks are not suitable for direct food contact. For more information about food contact status and product regulatory compliance please refer to our General Regulatory Statement.*

## CONTACTS:

### Technical

#### John Blair

john.blair@inktechinnovation.co.uk  
+44 (0) 7469 933 405

#### Jayne Woosey

jayne.woosey@inktechinnovation.co.uk  
+44(0) 1706 868844

### Sales

sales@inktechinnovation.co.uk  
+44 (0) 1706 868 844

[www.inktechinnovation.co.uk](http://www.inktechinnovation.co.uk)



### INKTECH LIMITED

Crawford Street  
Rochdale, Lancashire  
OL16 5NU, United Kingdom

### INKTECH B.V.

Minosstraat 19,  
Tilburg  
5048 CK, The Netherlands

DISCLAIMER: March 2026. This information has been carefully compiled from experience gained in the laboratory and under commercial conditions. However, the product's performance and its suitability for the customer's purpose depend on the conditions of use and the material being printed. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. Since we cannot anticipate or control the conditions under which our products are used it is not possible to guarantee their performance. All sales are subject to our standard terms and conditions of sale. We would point out that the information contained in this leaflet is only a recommendation and may need to be altered to suit the conditions and efficiency of the equipment employed. INKTECH's products are not designed for use in conjunction with those of any other ink maker or similar supplier unless agreed to in writing.