

INKTECH

INNOVATION IN INK

PACKAGING INK SPECIALISTS

HI-SPEC PRO

SOLVENT-BASED INK SYSTEM

Technical Data Sheet

INKTECH Ltd

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

INKTECH B.V.

Minosstraat 19,
Tilburg
5048 CK, The Netherlands
sales@inktechbv.nl
+31 137370035

HI-SPEC PRO are a range of solvent-based flexographic inks for surface process printing. They are formulated to impart excellent adhesion to polyolefin films especially PE and OPP. Typical applications include carrier bags and PE sacks. HI-SPEC PRO inks are supplied as finished inks.

ADVANTAGES:

- Excellent adhesion to the substrate.
- Excellent rub, scratch and scuff resistance.
- High gloss & Excellent water resistance
- Suitable to run at a variety of press speeds 50-250mpm.
- Excellent release and printability.
- 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. The ink is supplied neat and can be diluted with suitable thinners/medium to obtain the desired press viscosity and strength.

PRODUCT COMPATABILITY:

Fully compatible with ENDURANCE and HORIZON range inks only.

DILUTION:

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

HANDLING:

HI-SPEC PRO 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 HI-SPEC PRO 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

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.

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



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DISCLAIMER: April 2025. 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.