

INKTECH

INNOVATION IN INK

PACKAGING INK SPECIALISTS

STRATUS TISSUE

WATER-BASED INK SYSTEM

Technical Data Sheet

INKTECH Ltd

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Stratus is a highly pigmented water-based ink for printing onto tissue.

ADVANTAGES:

- Designed for long press runs with minimal adjustments and press side maintenance giving an excellent colour value with easy clean-up and re-solubility from the anilox.
- Excellent release and non-blocking when unwinding web.
- Available within 2-3 days of order or from stock at pre-request.
- The inks are free flowing if stored at temperatures above 10°C and below 35°C.
- Good light fastness 3/7 blue wool depending on colour/substrate/coat weight and other external factors outside of Inktechs control. (For further info discuss with the technical team).
- Formulated to ensure bleed resistance to fall within the scope of EN646 2006 (short time contact) for the testing of dyed paper and board intended to come into contact with foodstuffs (customers must stipulate all specific reagents to ensure the correct system recommendation).
- Low foaming and good substrate wet-out.
- Low odour.
- Compliant to Bfr Chapter XXXVI Paper and board Food contact February 2023 in the final printed article.

APPLICATION:

- For use on flexographic printing machines.
- Use an anilox roller with cell volume of between 4-12 cm³/m² for suitable results.
- Adjust the viscosity to suit press conditions. Typical viscosity for Flexographic printing is 11 to 13 sec Din 4 cup.
- Turn on (if fitted to press) the overhead dryers.
- Turn on system extraction to remove water vapour.
- On longer print runs top up of the water may be required to help keep consistency of colour.

ADDITIVE REQUIREMENTS:

No Additives are required unless on rare occasions you experience foaming- this can be specific to press or running conditions. We can supply suitable de-foamers to help prevent.

PLATES /CLICHÉ REQUIREMENTS:

Discuss suitability with your plate maker/supplier.

DILUTION:

Standard	Water.
Retarder	See technical department if you are experiencing any problems with drying.

HANDLING:

Printing inks need special care:

- Please refer to the Safety data sheets (SDS) before using.
- Always use in well ventilated areas.
- Keep inks in original containers.
- Wear protective gloves, clothing and safety glasses.
- Stir well before use.
- Seal tight containers after use.

STORAGE:

- Store above 10°C as inks are prone to gelling at sustained low temperatures.
- Shelf life is 12 months, when properly stored in sealed containers at temperatures between +10°C and +35°C.
- Rotate stock to keep products fresh.



CLEANING:

- In order to clean the anilox, ink trays and Clichés use water or a mild caustic solution but do not return cleaning solutions back to ink.
- Dispose of any waste in accordance with local or national regulations.

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.

CONTACTS:

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