

STALLION



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Hi-Tech Inks

Stallion is a range of high colour strength inks formulated for the high speed flexographic and gravure printing of treated polyethylene and co-extruded polypropylene films. These inks will find end uses on rice bags, bread bags and paper wrappings. This system was developed from the Multistar ink system and is higher in pigmentation to obtain higher colour strengths.

Properties

- Low odour and taint
- Glossy
- High level of rice oil resistance
- Good rub and scuff resistance
- Alcohol reducible
- Excellent printability
- Excellent transfer
- Excellent flexibility
- Block resistant (ink to ink or ink to film)
- Good solvent release
- Non-toxic
- Low foaming characteristics
- Light fast depending on pigment selection
- Displays excellent colour strength

Substrates

- Treated polyethylene
- Treated polypropylene
- Paper

Reducer

The normal reducers for Stallion inks are Meths and Ester blends. Dowanol may be used as a retarder.

Flexo

FAST : 3:1 Meths: Ethyl Acetate

NORMAL : Meths

SLOW : 4:1 Meths: Dowanol

Wash up

Meths: Ester Blends

Viscosity

Colours : 40-45 Sec Zahn #2 @ 25°C

Print : 25-35 Sec Zahn #2 @ 25°C

Colour Range

A full range of pigments are available in the Stallion Range, which, may be limited by selection for specific applications.

They are of reasonable light fastness but may not be suitable for extended exposure to direct sunlight. If requirements for more resistant pigments are needed, these should be stated at the time of ordering.

BCF

These inks have been formulated in accordance with the recommendation of the British Coatings Federation.

Waste disposal

Care should be exercised in the disposal of printing ink waste. This should be carried out in accordance with good industrial practice observing all the appropriate regulations including the relevant guideline notes to the Environment Conservation Act and Regulations (73/1989).

Health and Safety

Full details appear on the Material Safety Data Sheets

The information outlined in this data sheet is given in good faith but does not constitute a guarantee. Since conditions of handling and application are beyond our control, the converter should assure himself of the suitability of the product for the particular end use. It is recommended that advice be taken from Hi-Tech Inks' Technical Department for all new applications and it is preferable for trials to be carried out before full production runs are commenced.