



**An improved polyamide ink system as opposed to the Proflex System developed for flexographic print on polywoven polypropylene substrates for the manufacture of sacks. This product displays excellent adhesion and scuff properties often required for this robust packaging material. The Polyflex system can also be utilised in the printing of polyethylene substrates.**

#### **Features**

- Good printability on Polyethylene and Polypropylene substrates
- Manufactured on organic compounds and therefore fully recyclable

#### **Properties**

- Good gloss
- Good colour strength
- Good solvent release
- Excellent printability
- Good transfer
- Low odour
- Non-toxic
- Good scuff
- Good flexibility
- Good adhesion
- Block resistant

#### **Reducer**

Manufacturers Blend.

To retard add Normal Propyl Acetate, Dowanol or Ethoxy Propanol.

To speed up drying add Ethyl Acetate.

#### **Viscosity**

Supply viscosity

40-45 sec Zahn # 2 @ 25°C

Print viscosity

30-35 sec Zahn # 2 @ 25°C

#### **General**

Photopolymer plates can be utilised for both fine and solid print providing plates are washed after use.

To clean plates the recommended reducing solvent can be utilised. Light fastness is dependant on pigment selection but most of these products are commercially acceptable from 3 to 6 months. A single pigment blending range is available as well as specifically matched spot colours.

#### **Substrates**

Both Corona treated or untreated polywoven polypropylene. LD, LLD and HD Polyethylenes.

#### **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.