HI-SLIP LABEL

VARNISH

The Hi-Slip Label Varnish was developed to be printed over various ink systems on labels to enhance the slip and anti-blocking properties. Due to the variety of substrates, applications and specification requirements, it is essential that the requirements be discussed with our technical services department.

Properties

- Good Gloss
- Heat resistance 140°C -150°C, which is suitable For many seal applications

Substrates

- Treated polypropylene films
- Treated polyethylene
- Primed metallised films
- Washed foils
- Paper

It is advisable to have films treated to a minimum of 38 dynes/cm to achieve good adhesion.

Reduction

SLOW: Dowanol
NORMAL: Meths
FAST: 1:2 Meths: Ethyl Acetate

With the use of any slow solvents, care should be taken to avoid solvent retention as even small percentages of "clean" solvents can cause taint and odour.

General

The main uses of water-based inks have been in the paper sack and carton field where highly absorbent papers or liners are used.

The system has been modified for less absorbent and more flexible substrates such as Polywoven Polyprop and Polyethylene.

The print becomes satisfactorily water resistant shortly after printing. The non-hazardous properties of the product are a major advantage.

Wash up

Meths

Solvent Composition
Meths

Specification

Supply Viscosity
Varnish: 40-45 Sec Zahn #2 @ 25°C
Print Viscosity:
Varnish: 25-35 Sec Zahn #2 @ 25°C

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