

## UV-Flexo Varnishes

Universal UV-Flexo varnish range suitable for general label printing.

### Characteristics

- Excellent adhesion properties
- Fast cure
- Excellent printability
- Excellent chemical resistance

### Varnish range

	Article code	AS*	LP**	SC***
Flexo Gloss UV	UV6030			
Flexo FB Gloss UV	UV6120	A	A	
Flexo FB Gloss UV (HP-Indigo Highgloss)	UV6100			
Flexo FB Matt UV	UV6200	A	A	
Flexo FB Matt UV (HP-Indigo Matt)	UV8355			
Flexo FB Deep Matt UV	UV6230	A	A	
Release HV	UV5730			
Release Varnish (piggy bag)	UV5715			
Cold Foil Adhesive UV***	UV0670	B	A	A
Laminating Adhesive UV	UV0650	B	A	A

FB = Foil Blockable

### Application

Mix well before use.

\* AS = Anilox Selection      A = 120-160 l/cm (300-450 lpi) volume 4-8 cm<sup>3</sup>/m<sup>2</sup>  
   B = 120-160 l/cm (300-400 lpi) volume 4-8 cm<sup>3</sup>/m<sup>2</sup>

\*\* LP = Lamp power            A = Minimum lamp power – 160 W/cm

Fully cured UV flexo varnishes will obtain resistance properties 24 hours after printing. Foil blockable varnishes are not suitable for direct thermal overprinting. Please be aware that the over curing of a product may lead to problems with thermal transfer overprinting.

Clean equipment immediately after use.

These products are not intended for food packaging applications.

\*\*\* Note: This is a post-cure cold foil adhesive. The adhesive is applied to the substrate, and the substrate and foil are nipped together before curing.

## Substrates

Suitable for a wide range of coated papers, films and label stocks including:

- Coated PE, PP, PVC, PET, and OPP
- Shrink films, typically\* PVC, PET, PET-G, OPS

\* Due to the diverse nature of shrink films it is essential that each grade/application is tested thoroughly prior to commercial production

The suitability of uncoated synthetic substrates such as PP should be tested before printing. The surface tension should be 38 dyne/cm or above. Corona treatment should be considered to improve the wetting and adhesion onto the substrate.

## Storage & Handling

Containers should be tightly closed immediately after use. All products, including uncontaminated press returns and unopened containers, should be stored at temperatures between 5°C and 25°C.

## Health & Safety

Please refer to relevant SDS for information on labelling classifications, waste product and container disposal, and personal protection measures.

*This technical instruction sheet is designed for your information and reference. It is based on and conforms to our current knowledge. However as actual application is affected by many factors over which we have no control, we are not liable for printing failures.*