

UV4015 Rotary Screen LV Tactile UV Varnish

UV4018 curing varnish designed for the printing of relief images.

Characteristics

- Gloss finish
- Good adhesion
- High viscosity
- Good cure speed
- Highly flexible
- Non bleed formulation

Substrates

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

- Coated paper and board
- Treated/primed polyethylene
- Treated/primed polypropylene
- Aluminium foils
- Polyester, PVC

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.

Application

Mix well before use.

Screen Selection:

Screen Gallus DW – BZ, Stork 120T mesh

Film weight 15-20 g/cm³ recommended depending on effect required UV lamps minimum 160 w/cm

Print speed up to 80 m/min

Minimum lamp power – 160 W/cm

For best results:

- Soft squeegee shore hardness (55-60) recommended
- Low pressure on squeegee
- Varnish reservoir level between 5 and 6 o'clock
- Operating temperature of 25°C-30°C recommended

Fully cured UV screen varnishes will obtain resistance properties 24 hours after printing and are not suitable for direct thermal or thermal transfer overprinting. Clean equipment immediately after use.

Unless otherwise stated, these products are not intended for food packaging applications and are not suitable for outdoor use.

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.