

# UV4018 Rotary Screen Tactile UV HV 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

Designed for flatbed machines where achieving the required high build is usually difficult.  
Not usually suitable for achieving the minimum height requirements for Braille dots.

Unless the printed layer is a barrier to migration and there is no possibility of set off to the unprinted (food contact) surface, UV4018 is not intended for food packaging specifications.  
For applications where the material is not a barrier, or set off is possible, we recommend the use of Low Migration inks & varnishes. Contact us for further details.

It must also be mentioned that the Printer/Converter and Packer/ Filler has legal responsibility to ensure compliance with the relevant legislation for food packaging.

## Application

Stir well before use

Screen Gallus DW – BZ, Stork 120T mesh minimum  
Film weight 15-20 g/cm<sup>3</sup> recommended depending on effect required  
UV lamps minimum 120 w/cm  
Print speed up to 40 m/min  
Operating temperature of 25°C-30°C recommended

## Substrates

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

Other materials after suitable testing.

## Storage

Store at temperatures between 50°C and 250°C.  
Protect from frost and sunlight.

## 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.*