

TECHNICAL DATA SHEET

UV FLEXO DIGITAL VARNISHES

DESCRIPTION Universal UV flexo digital varnish range suitable for the overprinting of digital inks as well as general label printing.

- PROPERTIES**
- ✓ Excellent adhesion properties
 - ✓ Fast cure
 - ✓ Excellent printability
 - ✓ Excellent chemical resistance
 - ✓ Low shrinkage
 - ✓ Excellent heat resistance

RANGE

Product	Code
UV FLEXO DIGITAL GLOSS VARNISH	
Foil Blockable Gloss Varnish	IV043
Gloss Varnish	IV044
UV FLEXO DIGITAL MATT VARNISHES	
Foil Blockable Matt Varnish	IV046
Matt Varnish	IV047

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

- ✓ Coated PE, PP, PVC, PET, and OPP
- ✓ Top coated thermal papers
- ✓ Aluminium foils

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.**

Anilox Selection:
120-200 l/cm (300-500 lpi) volume 6-15 cm³/m²

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.

**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.

Shelf life is 12 months from date of manufacture (as indicated on the label).

HEALTH & SAFETY

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

**AUXILIARY
PRODUCTS**

Cleaner: RLA350 UV Wash

**FURTHER
INFORMATION**

For more information, please contact your local representative or email technical@pulserl.com.

DISCLAIMER

The information contained in this data sheet is correct to the best of our knowledge. It is intended as a guide only for the optimum use of the named product(s) and is not intended as a warranty or as a specification. The product(s) included in this datasheet may not be suitable for use with other materials or in processes other than those specifically described. The user(s) should always make their own tests to establish that the product(s) meets their specification and complies with any appropriate guidelines or regulatory requirements.