
TECHNICAL DATA SHEET

FPCIV056 FPC UV FLEXO RELEASE VARNISH

DESCRIPTION Food packaging compliant (FPC) UV flexo gloss release varnish suitable for non-direct food contact packaging applications as well as general label printing.

PROPERTIES

- ✓ Excellent adhesion properties
- ✓ Excellent printability
- ✓ Excellent release
- ✓ Formulated for non-direct food contact packaging applications

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

- ✓ Coated PE and PP
- ✓ Coated paper and board

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.

In order to get full release on paper or board substrates, **a primer may be required**. Depending on the absorbency of the substrate, primer film weights of 6-20 cm³/m² volume are needed. Higher film weights are needed for more absorbent substrates. **Trialling is essential**.

APPLICATION **Mix well before use.**

Anilox Selection:

80-160 l/cm (200-400 lpi) volume 8-12 cm³/m²

Minimum lamp power – 160 W/cm

Note: The risk of migration is increased if the varnish is not fully cured.

Clean equipment immediately after use.

Optimisation of press conditions such as air flow and temperature must take place to ensure that the varnish's volatility is managed. Due to the increased volatility, misting/dusting may occur. To overcome this, a protective glass in front of the UV lamp and/or the redirection of the air flow away from the lamp should be considered.

RESPONSIBILITY

This product has been formulated to comply with the regulations and guidelines for non-direct food contact packaging applications. However, it is the responsibility of the seller of the finished product to ensure all members of the packaging chain comply with recommended guidelines and regulatory requirements.

The risk of any contamination affecting food packaging applications should be assessed prior to use.

Please contact compliance@pulserl.com for more information.

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

Note: The addition of auxiliary products to the FPC varnishes may have a negative effect on levels of migration.

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.