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# TECHNICAL DATA SHEET

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## FPC409 COLD FOIL ADHESIVE

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**DESCRIPTION** Food packaging compliant (FPC) UV flexo cold foil adhesive suitable for non-direct food contact packaging applications as well as general label printing.

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- PROPERTIES**
- ✓ Excellent adhesion properties
  - ✓ Fast cure
  - ✓ Excellent printability
  - ✓ Excellent chemical resistance
  - ✓ Formulated for non-direct food contact packaging applications
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**SUBSTRATES** Suitable for a wide range of coated papers, films and label stocks including:

- ✓ Coated PE, PP and PET.
- ✓ Top coated thermal paper

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.

Due to the wide range of cold foils available, it is strongly recommended that samples of both are supplied to the laboratory for testing.

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**APPLICATION** **Mix well before use.**

**Anilox Selection:**  
120-160 l/cm (300-400 lpi) volume 4-8 cm<sup>3</sup>/m<sup>2</sup>

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.

**Minimum lamp power – 160 W/cm**

Fully cured UV flexo adhesives will obtain resistance properties 24 hours after printing.

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

Clean equipment immediately after use.

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**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](mailto:compliance@pulserl.com) for more information.

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**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).

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**HEALTH & SAFETY**

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

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**AUXILIARY PRODUCTS**

Cleaner: RLA350 UV Wash

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

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**FURTHER INFORMATION**

For more information, please contact your local representative.

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**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.