



PRODUCT DATA SHEET

CFPP

FANTASY PP SERIES

Fantasy Series Inks is specially formulated Flexographic ink suitable for the printing of HDPP woven sack bags for untreated surface. It is mainly used to cement bags surface printed application on HDPP woven sacks.

KEY FEATURES:

- Instant adhesion on treated HD-PP/HD-PE substrates.
- Good Nail and Scratch Resistance.
- Fast setting
- Good printability and re-solubility.

PRINT PROCESS:

- Flexo printing : 1. Roll to Roll, 2. Bag to Bag, 3. Roll to Bag

PRINT SUBSTRATES:

- Unthread and Treated HDPP/HDPE
- Suitable for outside PP Lamination bags.

REDUCERS:

- RDC 4000

RETARDER:

- RDC 65

ACCELERATOR:

- RDC 63

DILUTION RATIO:

- Initial reduction is 1 : 0.5 and increase gradually by adding reducer which leads to finally 1 : 1.5
- Dilution ratio depends on printing matter.



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RECOMMENDED PARAMETERS:

- Surface tension minimum 24 to 26 Dynes/ cm² required
- Printing and slitting distance should at least 15-20 mts for roll printing.
- To avoid blocking, install Halogen lamp of 200-300 watts, use size 3-4 inch for adhesion test.
- Inks to be printed with Nylon stereo get best results.
- Speed :

Bag to Bag	30 to 40 bags per minute *
Roll to Bag	60 to 70 bags per minute *
Roll to Roll	60 to 70 bags per minute *

*- Bags per minute depends upon its size.

RECOMMENDED APPLICATION:

- Rice
- Sugar
- Cement
- Flour mill
- Garment, etc.

NOTE:

- It is recommended to use RDC 4000 as a reducer available with CLPI. CLPI reducer combination shows no damage to rubber roll or stereo.
- This ink not applicable for water, deep freeze and vegetable oil resistance.

Further information and assistance are available from our technical service personal. The information outlined in this data Sheet is given in good faith with laboratory testing & experience gained from the market but is not to be taken as a guarantee as the customer has to test the suitability of the product for specific end use, which is beyond our control.