

## Ink Technologies

- **Aspect**  
Glossy
- **Applications**  
Rigid PVC as from 120  $\mu$
- **Major advantages**  
Allows lamination, embossing and overprinting of offset inks, UVICARD, SOLVCARD
- **Printing**  
Automatic and cylinder machines
- **Colors**  
Metallic, pearly and transparent colors.

### WATER INK UV INK



## TECHNICAL CHARACTERISTICS



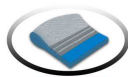
Screens

Fabrics: all mesh types from 50 to 120 threads/cm.  
Reports: emulsions and films must be water and solvent resistant



Storage

One year in its original packaging stored in between + 5°C and + 30°C



Squeegees

Polyurethane, hardness 75 SH (Medium) with a good sharpening



Drying

By water evaporation, through two to three IR bridges in between 50°C and 60°C, then UV polymerization in between 100 and 120 Mj/cm<sup>2</sup>



Coverage

With a 120 threads/cm mesh, 1 kg will approximately cover 55 to 65 m<sup>2</sup>



Lamination

Carried out at a minimum of 130°C to 140°C for 5 to 15 min using a coated overlay film.

*Example of performance: AC inks printed on PVC 400  $\mu$ , laminated with an overlay coating of 60  $\mu$  in a machine of the Oasys OLA6H type and tested with a dynamometer Lloyd LS1 (equipped with the TG113 accessory allowing some peeling tests at 90°), offer an average peeling resistance of 10 N/cm*



Dilution

The AQUACARD is ready to use however up to 5% water can be added



Specific colors

Inks from the AQUACARD range are miscible between them



Handling

After extraction of the ink, open pots need to be carefully and promptly closed. Artificial or natural light can cause the start of polymerization and can lead to the formation of a thin skin at the surface. For this reason, it is advisable to work in a low lighting or safelight environment



Cleaning

Water cleaning is recommended



Hygiene and safety

Although the products selected for the formulation are not dangerous as such, contact can cause allergic reactions in some particularly sensitive individuals. Ink soils on the skin should be cleaned as soon as possible with soapy water. In any case, refer directly to the safety sheets



Packaging

AQUACARD 1 kg  
AQUACARD 5 kg

### Guarantee reserves

Although the data indicated in this document have been established after thorough tests, they are only given as an indication. VFP Company cannot be held responsible in any way, it being understood that we recommend making tests before starting any production run. No salesman, representative or agent is entitled to provide a guarantee or any insurance which might contradict the above statement. Please always refer to our general sale conditions.