



## UV69 Series UV Reverse Primer Curable Offset Ink

### 【Product description】

This UV curable offset ink is mainly composed of UV-curable acrylic resin, photoinitiator, active diluent, pigments, filler and additive. It is an environmentally friendly ink product that does not contain solvents and volatile raw materials. It has stable printability and fast curing speed, easy to achieve the wrinkle texture, and good contrast.

### 【Characteristics】

- ❖ Good printability, suitable for general use, fast printing UV offset printing.
- ❖ It has good printing transferability and is easy to achieve the wrinkle texture effects. It can be used with our company's surface coat to achieve local wrinkle effects. The lines are finer, the adhesion is good, and the flexibility is high. The amount of base oil, coating and printing pressure can be controlled to achieve the corresponding texture effect.
- ❖ Safe and environmentally friendly, free of petroleum solvent, non-volatile products. Using low-irritating monomer raw materials, effectively reduce the irritation of the ink to the skin.

### 【Technical parameter】

Product Index	UV6908N Coarse Sand	UV6909N Fine Sand	UV6918N Economical Coarse Sand	UV6919N Economic Fine Sand	REMARKS
Tackiness	10-12	11-13	11-13	12-14	Viscometer, 400rpm, 32±1°C
Curing rate	120W/CM				1-5 units of Hg LAMP (15-100m/min)
Adhesion	5	5	5	5	0-5, poor and excellent

Note: It is recommended to use our surface coat HUV8418 for better reverse effect.



### **【User's guidance】**

- ❖ Viscosity adjustment: Since the UV curing ink is a 100% solid content product, it has been ideally balanced to adjust various printing properties. If you need to adjust the viscosity slightly, you can add 1-3% monomer solution, and excessive amount of monomer solution will change ink performances.
- ❖ Post-processing: If you need post-printing process after printing, such as sizing, laminating, bronzing, etc, please conduct a small scale test first (please select the appropriate glue, film and bronzing materials during the test), and test according to the requirements of the post-processing, then print large scale after all the requirements are met
- ❖ Adhesion of ink: The ink exhibits different adhesion on the surface of the printed material due to various factors, such as the material, surface structure, surface condition, and surface tension of the printed material. Thus, users are particularly reminded to confirm the adhesion of the ink on the printing material by the required test method before the formal printing, and then select the corresponding product according to the need.
- ❖ Safety: UV ink is irritating, avoid prolonged exposure to skin as it may cause skin allergies.
- ❖ Storage of ink: The ink should be stored in a cool and dark environment, and the storage temperature is below 25 °C.

### **【Instructions】**

- ❖ Due to the difference in printing process and substrate, it is important to test whether the ink meet your requirement before large scale production

### **【Packaging and shelf life】**

- ❖ Package and packing specification: galvanized iron can, net weight 1kg
- ❖ The shelf life of this product is 1 year.

### **【Disclaimer】**

This specification is in accordance with the actual production and test results, whether the product could meet your process requirements depends on application conditions and printed material. We recommend the users to assess if the product can meet all their requirements before production. Since we cannot predict or control your printing condition, the product performance cannot be guaranteed all sales are subjected to the standard terms and conditions of the sales control division.