



UVK1166MDN 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 additives. Without solvents and volatile raw materials. It has stable printability and fast curing speed, easy to achieve the frosted effects and the contrast effect is obvious.

【Characteristics】

- ❖ Good printability, suitable for general UV offset printing.
- ❖ Good printing transferability and easy to achieve the frosted effects. Using together with our company's face oil achieve local wrinkle effects. Finer lines, good adhesion and high flexibility. 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 to the skin.

【Technical parameter】

Product Index	UVK1166MDN1 Coarse Sand	UVK1166MDN Fine Sand	REMARKS
Viscosity	11-13	11-13	Viscometer, 400rpm, 32±1°C
Curing rate	120W/CM		1-5 branch of HG LAMP (15-100m/min)
Adhesion	5	5	0-5, poor and excellent

Note: Recommended to use our facial oil HUV8418 or HUV8430 for better reverse effect.

【User's guidance】



- ❖ Viscosity adjustment: The UV curing ink is ideally balanced to adjust various printing properties. Adding 1-3% monomer resin dilution solution can adjust the viscosity slightly, and excessive amount of monomer resin will affect ink performances.
- ❖ Post-processing: If gluing, filming and bronzing process are required after printing, please conduct a single or small batch test first (be attention to select the appropriate glue, film and bronzing materials during the test), and test according to the requirements of the post-processing, then print after meeting the requirements.
- ❖ Adhesion: 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; please avoid prolonged exposure to the skin as it may cause skin allergies.
- ❖ Storage: Store in a cool and dark environment, and the storage temperature is below 25°C.

【Precautions】

- ❖ Due to the difference in printing process and substrate, please test the adaptability of the product according to your specific requirements before large scale production.

【Packaging and shelf life】

- ❖ Package and packing specification: metal can, net weight 1kg
- ❖ The shelf life 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.