



UVH1 Series Ink

【Product Introduction】

UVH1 used widely which can provide excellent adhesion on a wide range of substrates, including on sheet fed presses or web fed presses. And it's very suitable for metalized and plastic substrates. At the same time, this series of products has a wide color gamut, concentrations and light fastness to meet various printing needs. Applied for wine packaging, cosmetic packaging, plastic packaging, metalized paper packaging and so on. Has good ink film flexibility, easy to overprint and lamination.

【Printing Substrate】

- ❖ polyethylene(PE) (Tension request: 38dyn/cm)
- ❖ polypropylene(PP) (Tension request: 38dyn/cm)
- ❖ polyester(PET) (Tension request: 52dyn/cm)
- ❖ PVC (Tension request: 38dyn/cm)
- ❖ Metalized paper (Tension request: 38dyn/cm)

【Product List and Fastness Properties】

Code	Product Description	Light Fastness
UVH1155	UV Offset Process Black	8
UVH1246	UV Offset White	-
UVH1247	UV Offset White	-
UVH1324	UV Offset Fast Yellow	6
UVH1325	UV Offset Process Yellow	4~5
UVH14105	UV Offset Warm Red	3~4
UVH1411	UV Offset Fast Warm Red	6~7
UVH1412	UV Offset Red 032	3~4
UVH1414	UV Offset Fast process magenta	6
UVH1415	UV Offset Process Magenta	5
UVH1418	UV Offset Fast Rhoda mine	7
UVH1531	UV Offset Fast Reflex Blue	8
UVH1535	UV Offset Process Cyan	8
UVH1940	UV Offset Transparent White	-

【Curing condition】



UVH1 has good curing performance under conventional curing conditions. But curing conditions related to many factors, lamp condition, adjustment of the reflector, thickness of ink, color and so on.

Recommended that lamp power greater than 120w/cm, curing energy greater than 60 mj/cm².

【Cleaning】

Alcohol or UV cleaner

【Packaging size and Shelf life】

❖ **Packaging size:**

Normal: 1KG

White ink: 1.5KG

❖ **Shelf life:**

Shelf life is 1 year under the following storage conditions:

- Tightly sealed in the container and kept in ventilated place.
- Storage temperature within 20°C~25°C.
- Avoid direct exposure of UV radiation and long-time sun light .
- Shelf life can be extended with the temperature controlled below 15°C.

【Disclaimer】

The data shown in this document is based on actual production and test result generated within our company. Above data is only for reference and does not bear any legal guarantee responsibilities. Whether actual ink performance can meet user's requirement depends on application conditions and substrate etc. We suggest that users should access whether current production conditions meet the application requirement of each product before printing. Since we cannot control the actual application and storage conditions, we cannot guarantee the final product performance. All product sales subject to our standard sales terms and conditions.