



## UVH2 Series Ink

### 【Product Introduction】

UVH2 series ink are good fold-resistant inks, with high transparence, low odor and comply with the latest VOC and photoinitiator testing standards in the tobacco industry. It can provide excellent adhesion on a wide range of substrates, which can print either in sheet fed presses or web fed presses. Applied on tobacco packing, wine packing, cosmetic packing, metalized paper and so on.

### 【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 |
|----------|-----------------------------------|----------------|
| UVH2155  | UV Offset Process Black           | 8              |
| UVH2159  | UV Offset Process Black HC        | 8              |
| UVH2245  | UV Offset White                   | -              |
| UVH2246  | UV Offset White                   | -              |
| UVH2247  | UV Offset White                   | -              |
| UVH2324  | UV Offset Fast Yellow             | 6              |
| UVH2325  | UV Offset Process Yellow          | 4              |
| UVH24105 | UV Offset Warm Red                | 3~4            |
| UVH2411  | UV Offset Fast Warm Red           | 6~7            |
| UVH2412  | UV Offset Red 032                 | 3~4            |
| UVH2414  | UV Offset Fast process magenta    | 6              |
| UVH2414H | UV Offset Fast process magenta HC | 6              |
| UVH2415  | UV Offset Process Magenta         | 5              |
| UVH2418  | UV Offset Fast Rhodamine          | 7              |
| UVH2531  | UV Offset Fast Reflex Blue        | 8              |
| UVH2535  | UV Offset Process Cyan            | 8              |



|                 |                                    |          |
|-----------------|------------------------------------|----------|
| <b>UVH2535H</b> | <b>UV Offset Process Cyan HC</b>   | <b>8</b> |
| <b>UVH2660</b>  | <b>UV Offset Green</b>             | <b>8</b> |
| <b>UVH2727</b>  | <b>UV Offset Orange</b>            | <b>5</b> |
| <b>UVH2870</b>  | <b>UV Offset Violet</b>            | <b>8</b> |
| <b>UVH2940</b>  | <b>UV Offset Transparent White</b> | <b>-</b> |

### **【Curing condition】**

UVH2 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/cm<sup>2</sup>.

### **【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.