

## Pantone UV-Foil Plus

### Mixing base for standard UV printing

The Pantone UV-Foil Plus is ITX and Benzophenone free and has a low water pick-up. The mono-pigmented basic inks are used for various film applications such as adhesive labels and shrink films in commercial and label printing in sheetfed and web offset.

#### Characteristics

The UV radically curing Pantone UV-Foil Plus inks is the basis for a wide and brilliant colour space for foil and film printing.

- Very good reactivity
- Very good ink-water-balance

|  | Fastness properties |         |                 |        |
|--|---------------------|---------|-----------------|--------|
|  | Light fastness      | Alcohol | Solvent Mixture | Alkali |
| Pantone UV-Foil Plus Transparent White |                     |         |                 |        |
| Pantone UV-Foil Plus Opaque White      |                     |         |                 |        |
| Pantone UV-Foil Plus Yellow            | 5                   | +       | +               | +      |
| Pantone UV-Foil Plus Warm Red          | 3                   | +       | +               | -      |
| Pantone UV-Foil Plus Rubine Red        | 5                   | +       | +               | -      |
| Pantone UV-Foil Plus Rhodamine Red     | 5                   | -       | -               | -      |
| Pantone UV-Foil Plus Purple            | 4                   | -       | -               | -      |
| Pantone UV-Foil Plus Violet            | 4                   | -       | -               | -      |
| Pantone UV-Foil Plus Reflex Blue       | 7                   | +       | +               | -      |
| Pantone UV-Foil Plus Process Blue      | 8                   | +       | +               | +      |
| Pantone UV-Foil Plus Green             | 8                   | +       | +               | +      |
| Pantone UV-Foil Plus Black             | 8                   | +       | +               | +      |
| Pantone UV-Foil Plus Yellow 012        | 5                   | +       | +               | +      |
| Pantone UV-Foil Plus Orange 021        | 3                   | +       | +               | +      |
| Pantone UV-Foil Plus Red 032           | 6                   | +       | -               | +      |
| Pantone UV-Foil Plus Blue 072          | 4                   | -       | -               | -      |

**Substrates**

**PVC, PE, PP, oPP, PET, PS**

Due to the variety of materials prior tests of printability and properties are recommended as well as in-line corona pre-treatment. A surface tension of approximately 40 mN/m is suggested.

**Storage:**

UV inks have a limited shelf life. In case of appropriate storage at 20 °C and protected from direct sunlight, we guarantee a shelf life of 6 months.

**Important note of usage:**

Because of the vast variety of substrates on the market, in-house pre-runs are advised to determine the adhesive properties. Should you require any assistance, please do not hesitate to contact our technical engineers.

*This Product Data sheet is designed for your information and reference. It is based on and conforms to our current knowledge. However as actual application is affected by many factors over which we have no control, we are not liable for printing failures.*