

## FUSION XL

UV Offset ink for printing on selected plastics, non absorbent substrates  
 Packing, Luxury Packaging, Label, Plastic card... Secondary packaging

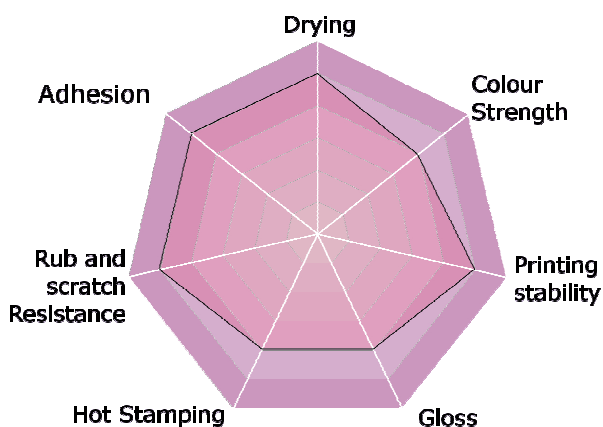
### Performances

- Good adhesion on synthetic and non absorbent substrates
- Also suitable on absorbent substrate
- Excellent printing stability
- Good pigment concentration
- Suitable for hot stamping and lamination after test

### Substrates

|                                     |     |                                   |
|-------------------------------------|-----|-----------------------------------|
| Non coated                          | **  |                                   |
| Matt coated                         | **  |                                   |
| Gloss coated                        | **  |                                   |
| Chrome coated                       | *** |                                   |
| Cardboards                          | **  | *** perfectly suitable            |
| Thermal Eco paper                   | ▲   | ** suitable                       |
| Thermal coated paper                | **  | * test necessary                  |
| Metalized cardboard                 | *** | ▲ not suitable                    |
| Synthetic substrates <sup>(1)</sup> | *** | (1) Synthetics (PE, PP, PET, PVC) |
| Tracing paper                       | *** |                                   |

### Ink profil



### FUSION XL Process Colors

|                   |                           | Fastness          |                     |                    |
|-------------------|---------------------------|-------------------|---------------------|--------------------|
|                   |                           | Light<br>ISO 2835 | Alcohol<br>ISO 2837 | Alkali<br>ISO 2838 |
|                   | Process Yellow Fusion XL  | 5                 | +                   | +                  |
|                   | Process Magenta Fusion XL | 5                 | +                   | -                  |
|                   | Process Cyan Fusion XL    | 8                 | +                   | +                  |
|                   | Process Black Fusion XL   | 8                 | +                   | +                  |
| <b>Light fast</b> |                           |                   |                     |                    |
|                   | Yellow LF Fusion XL       | 6                 | +                   | +                  |
|                   | Magenta LF Fusion XL      | 7                 | +                   | +                  |

### FUSION XL Series

|                       |                              | Fastness          |                     |                    |
|-----------------------|------------------------------|-------------------|---------------------|--------------------|
|                       |                              | Light<br>ISO 2835 | Alcohol<br>ISO 2837 | Alkali<br>ISO 2838 |
|                       | Yellow P Fusion XL           | 5                 | +                   | +                  |
|                       | Orange 021 Fusion XL         | 5                 | +                   | +                  |
|                       | Warm Red LF Fusion XL        | 5                 | +                   | +                  |
|                       | Red 032 Fusion XL            | 6                 | +                   | +                  |
|                       | Rubine Red Fusion XL         | 5                 | +                   | -                  |
|                       | Rhodamine LFFusion XL        | 7                 | +                   | +                  |
|                       | Purple LF Fusion XL          | 7                 | +                   | +                  |
|                       | Violet Lf Fusion XL          | 8                 | +                   | +                  |
|                       | Blue 072 LF Fusion XL        | 8                 | +                   | +                  |
|                       | Reflex Blue LF Fusion XL     | 8                 | +                   | +                  |
|                       | Blue Process Fusion XL       | 8                 | +                   | +                  |
|                       | Green Fusion XL              | 8                 | +                   | +                  |
|                       | Mixing Black Fusion XL       | 8                 | +                   | +                  |
|                       | Transparente White Fusion XL | •                 | +                   | +                  |
| <b>Other Products</b> |                              |                   |                     |                    |
|                       | Intense Black Fusion XL      | 8                 | +                   | +                  |
|                       | Opaque White Fusion XL       | 8                 | +                   | +                  |

### Packaging

Process colors : 2,5 kg – Series: 1 kg

### Recommandations

- Do not use for primary foodstuff packaging without functional barrier
- Only use UV auxiliary products (anti tack paste, cleaners, thinners...)
- May be laminated or varnished (UV, nitro, acrylic).
- To improve rub resistance, use in-line or out-line UV varnish.
- In case of synthetics substrates, check the surface has been properly treated (minimum surface tension required = 38 dynes/cm)
- In case of laser overprinting, it is recommended to print 50% half tones rather than solid print areas.
- Suitable for hot stamping and thermal overprinting.
- To obtain pastel shades, add maximum 15% Opaque White and make up with transparent White.
- Do not use Opaque White when printing on thermal paper
- Check the compatibility of the ink/substrate/packaged foodstuff
- Shelf life is at least 24 months from date of manufacture, when stored in original unopened container between 5 and 30°C and protected from direct sun lights. After this period of time, the ink remains useable but should be checked before use.