

Fusion Process Colours

Universal series – Good adhesion on all substrates
Packaging, Luxury presentation cases, Labels, Plastic cards, etc



Characteristics

- Good adhesion on synthetic and non absorbent substrates. Also suitable for absorbent substrates
- > *Versatile, suitable for a wide range of substrates*
- Excellent printing stability
- > *Easy to use*
- Excellent drying
- > *Improves productivity*
- Suitable for hot stamping and lamination
- ITX / benzophenone / EHA free inks
- > *Limited risk of migration*

Substrates

Non coated	**
Matt coated	**
Gloss coated	***
Chromo coated	***
Cardboard	**
Thermal Eco paper	X
Thermal coated paper	**
Metallic substrates	**
Synthetic substrates ⁽¹⁾	**
Tracing paper	***

*** Perfectly suitable, ** Suitable, * Test necessary, X Not suitable
(1) PE, PP, PET, PVC

Ink Profile



Fusion Process Colours

		Light ISO 2835	Alcohol ISO 2837	Alkali ISO 2838
	Fusion Process Yellow	5	+	+
	Fusion Process Magenta	5	+	-
	Fusion Process Cyan	8	+	+
	Fusion Process Black	8	+	+
	Light Fast Fusion Process Yellow	6	+	+
	Light Fast Fusion Process Magenta	7	+	+

Fusion Series

Fusion Series

		Light ISO 2835	Alcohol ISO 2837	Alkali ISO 2838
	Fusion P. Yellow	5	+	+
	Fusion Yellow 012	5	+	+
	Fusion Orange 021	5	+	+
	Light Fast Fusion Warm Red	5	+	+
	Fusion Red 032	6	+	+
	Fusion Rubine Red	5	+	-
	Light Fast Fusion Rhodamine	7	+	+
	Light Fast Fusion Purple	7	+	+
	Light Fast Fusion Violet	7	+	+
	Light Fast Fusion Blue 072	7	+	+
	Light Fast Fusion Reflex Blue	8	+	+
	Fusion Process Blue	8	+	+
	Fusion Green	8	+	+
	Fusion Mixing Black	8	+	+
	Fusion Transparent White	•	+	+
	Fusion Opaque White	8	+	+
	Fusion Intense Black	8	+	+

Recommendations

- Only use UV formulation auxiliary products (thinners, cleaners, etc.).
- May be laminated and varnished (UV, nitrocellulose, acrylic). Do not laminate or varnish over the following Fusion inks: Rhodamine, Purple, Blue 072. Use Light Fast Fusion inks.
- In the case of synthetic substrates, check the surface has been properly treated (minimum surface tension: 38 dynes/cm).
- To improve the rub resistance, use wet-on-wet or wet-on-dry UV varnish.
- Suitable for hot stamping and thermal overprinting.
- In the case of laser overprinting, it is recommended to print 50% half tones rather than solid print areas and also to avoid the use of Rhodamine, Purple or Blue 072, which have poor heat resistance.
- To obtain pastel shades, add maximum 15% of 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 goods.
- Store the ink in its original, sealed container in a dark place at a temperature between 5 and 30°C. Use within 12 months.