

IMPACT Series

UV Drying Offset Inks

Versatile ink – metalized board, absorbent substrates – secondary foodstuff packaging

Performances

- Good adhesion on a wide range of substrates such as metalized board, coated paper and board ⁽¹⁾
- Good printing stability

Easy to use

- Good dot sharpness

High quality print

- Excellent drying

Improves productivity

- Suitable for hot stamping ⁽²⁾

Substrates

Non coated	**
Matt coated	***
Gloss coated	***
Chrome coated	***
Cardboard	***
Thermal Eco paper	X
Thermal coated paper	**
Metalized cardboard	***
Synthetic substrates ⁽¹⁾	*
Tracing paper	*

*** Perfectly suitable, ** Suitable, * Test necessary, X Not suitable

(1) tracing paper, chromo coated, colored

(2) Synthetics (PE, PP, PET, PVC)

Ink Profile



IMPACT Process Colours

		Light ISO 2835	Alcohol ISO 2837	Alkali ISO 2838
	Process Yellow Impact	5	+	+
	Process Magenta Impact	5	+	-
	Process Cyan Impact	8	+	+
	Process Black Impact	8	+	+
	Dense Black Impact	8	+	+
Light fast inks				
	Process Yellow LF Impact	6	+	+
	Process Magenta LF Impact	7	+	+

IMPACT series

	Yellow P Impact	5	+	+
	Orange 021 Impact	5	+	+
	Warm Red Impact	3	+	-
	Red 032 Impact	6	+	+
	Rubine Red Impact	5	+	-
	Rhodamine Impact	4	-	-
	Purple Impact	4	-	-
	Blue 072 Impact	4	-	-
	Blue Process Impact	8	+	+
	Green Impact	8	+	+
	Mixing Black Impact	8	+	+
	Transparente White Impact		+	+
Light fast inks				
	Warm Red LF Impact	5	+	+
	Rhodamine LF Impact	7	+	+
	Purple LF Impact	7	+	+
	Violet LF Impact	7	+	+
	Blue 072 LF Impact	8	+	+
	Blue 072 Impact	8	+	+

	Reflex Blue LF Impact	8	+	+
	Autres produits			
	Opaque White Impact	8	+	+
fluo and metallics available on request				

Spot colors

See Dayamix System®

Packing

2,5 kg UV containers

Recommendations

- ⁽¹⁾ Due to the various type of metalized substrates (metalize polyester, acrylic coated, nitrocellulose coated...), it is highly recommended to run controlled trials to confirm performance in the particular conditions before starting a commercial work.
- Check the compatibility of the ink/substrate/packaged. Corona treatment to 38-44 dynes/cm is recommended for plastic and filmic substrates to ensure best ink transfer and adhesion
- Only use UV auxiliary products (anti tack paste, cleaners, thinners...)
- In case of laser overprinting, it is recommended to print 50% half tones rather than solid print areas.
- May be laminated or varnished (UV, nitro, acrylic). To improve rub resistance, use in-line or off-line UV varnish.
- ⁽²⁾ Suitable for hot stamping and thermal overprinting - test is required.
- Shelf life is at least 2 years from date of manufacture, when stored in original unopened container between 5 and 30°C and protected from direct sun light. After this period of time, the ink remains useable but should be checked before use.

Information and recommendations hereby mentioned are based on our practical experience and on analyses results obtained in specific laboratory conditions. Due to the variety of applications and conditions of use, they are communicated as indications and cannot be considered as any guarantee.