

IMPACT PLUS

UV Drying Offset Inks

Versatile ink – metalized board and paper, synthetic and absorbent substrates

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⁾

IMPACT PLUS

	Fastness		
	Light ISO 2835	Alcohol ISO 2837	Alkali ISO 2838
Process Yellow Impact Plus	5	+	+
Process Magenta Impact Plus	5	+	-
Process Cyan Impact Plus	8	+	+
Process Black Impact Plus	8	+	-
Other			
Opaque White Impact Plus	8	+	+

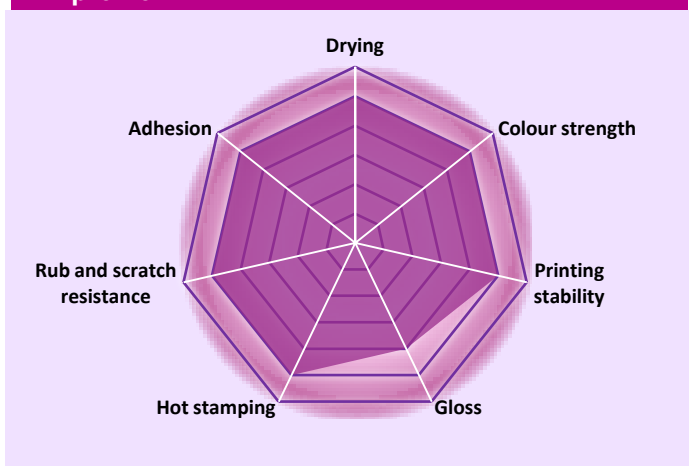
Substrates

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

Packing

1 kg and 2,5 kg UV containers

Ink profile



Recommendations

- **Do not use for primary foodstuff packaging without functional barrier**
- ⁽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.