



SUBLIMATION INKS

EPTAINKS

the partner for industrial printing

SUBLIMATION INKS

TOPICS

WHAT IS SUBLIMATION

WHY PRINTING WITH SUBLIMATION INKS

PRINTING SUBSTRATES

MATCHING SYSTEM

RANGE



WHAT IS SUBLIMATION

Sublimation is a chemical process that converts the ink status **from a solid state to a gaseous one**, without the transition to a liquid state.

In practice, the ink printed on paper (solid state) is transferred on a synthetic fiber by heat and pressure, changing its state (gaseous state) and penetrating into the fabric.

In this way, the fabric touch doesn't change during the process.



WHY PRINTING WITH SUBLIMATION INKS

- To obtain high definition printing on synthetic fabric
- To reduce printing costs
- Very brilliant colours
- High washing fastness
- They could be used both in screen printing and off-set process
- To maintain fabric touch unchanged



SUBLIMATION INKS

PRINTING SUBSTRATES

**WHITE SYNTHETIC
FABRICS**

Polyestere
Polyamide
Nylon

Nylon-cotton blended (70% Nylon at least)

**SUBSTRATES TREATED
WITH SPECIFIC PRIMER**

Metal
Wood
Glass and ceramic

MATCHING SYSTEM

Easy, reliable and eco-friendly

Promptness and customization are keywords for today professionals.

To achieve them, Sublistar range includes:

- A **Colour Guide** containing 160 colour references – already transferred onto fabric – to give an immediate view of the final result.
- A **Colour Guide Book**: a CD containing all formulas to reproduce the 160 Colour Guide references, making colours customization easier.



SUBLIMATION INKS

RANGE

- TRANSPARENT BASES
- COLOURED BASES
- OFF-SET PRINTING INKS
- SPECIAL APPLICATIONS PRODUCTS
- AUXILIARIES AND COMPLEMENTARY PRODUCTS

SUBLIMATION INKS

TRANSPARENT BASES

Transparent bases range reflects sublimation versatility, with applications for **several market sections** – like promotional, Interior Design, Visual Communication, Automotive – and **different printing substrates**, textile and not.



SUBLISTAR TRANSPARENT BASES

PRINTABLE
WITH MACHINES

Product	IDRA NEW Base for semi-automatic machines printing No tack	IDRA TEX T Excellent colour rendering High tack	IDRA BS Base for automatic machines printing Very high tack	FONDO "N" To increase adhesion between paper and fabric Completely transparent
SUBSTRATE	PAPER	PAPER	PAPER	PAPER
APPLICATION	ALL	TESSILE	TESSILE	TESSILE
TACK	NO	YES	YES	YES
AUTOMATIC	•	•	•	•
SEMI-AUTOMATIC	•	•	•	•
MANUAL	•	•	•	•
DEFINITION	HIGH	HIGH	HIGH	-
PRINTABILITY	EXCELLENT	EXCELLENT	HIGH	HIGH
DRYING	QUICK	VERY QUICK	QUICK	QUICK
SELF-SOLVENCY	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
PIGMENT YELD	EXCELLENT (WITH SUBLISTAR BASI EURO)			

SUBLIMATION INKS

COLOURED BASES

All colours originate from carefully selected pigments.

Among the **products features** must be underlined colours intensity (in particular for the concentrated bases), high general fastness and colour migration absence.

SUBLISTAR COLOURED BASES

CODE	COLOURS	SUBLIMATION CLASS*	PIGMENTS FASTNESS		
			LIGHT FASTNESS	WASHING FASTNESS	PERSPIRATION FASTNESS
408116	GIALLO 1215 conc.	B	6 - 7	4 - 5	4 - 5
408125	ARANCIO 1311	B	4 - 5	4 - 5	5
408130	ROSSO 1422	B	3 - 4	4 - 5	4 - 5
408131	ROSSO 1432	C	5	5	5
408134	ROSA 1424 conc.	C	6 - 7	4 - 5	5
408136	VIOLA 1421	C	5 - 6	4 - 5	4 - 5
408146	BLU 1608 conc.	C	5 - 6	4 - 5	4 - 5
408154	BLU 1609 conc.	B-C	6	4 - 5	5
408151	CIANO 193	C	6	5	5
408112	DEEP BLACK	B-C	4 - 5	4 - 5	5
408111	NERO MIX	B-C	4 - 5	4 - 5	5
408152	BLU 1617	C	4 - 5	4 - 5	5
408020	GIALLO FLUO 1216	B	4	4 - 5	5
408040	ROSA FLUO 1423	C	4	4 - 5	5
408113	NERO 1701	B-C	5 - 6	5	5
408114	NERO SUPER	B-C	4 - 5	4 - 5	5



*Class = Colour intensity

A= Transfer 180°C

B= Transfer 190°C

C= Transfer 200°C

D= Transfer 210°C

SUBLIMATION INKS

OFF-SET PRINTING INKS

Ready-to-use four-colour process inks with fast drying properties on paper for off-set printing

SUBLISTAR OFF-SET

CODE	PRODUCTS	PIGMENTS FASTNESS			
		SUBLIMATION CLASS*	LIGHT FASTNESS	WASHING FASTNESS	PERSPIRATION FASTNESS
408070	EXTENDER BASE				
408080	SUBLISTAR OFF-SET GIALLO	C	6 - 7	4 - 5	5
408081	SUBLISTAR OFF-SET MAGENTA	C	5 - 6	4 - 5	4 - 5
408082	SUBLISTAR OFF-SET CYAN	C	5	5	5
408083	SUBLISTAR OFF-SET BLACK	B-C	5 - 6	5	5

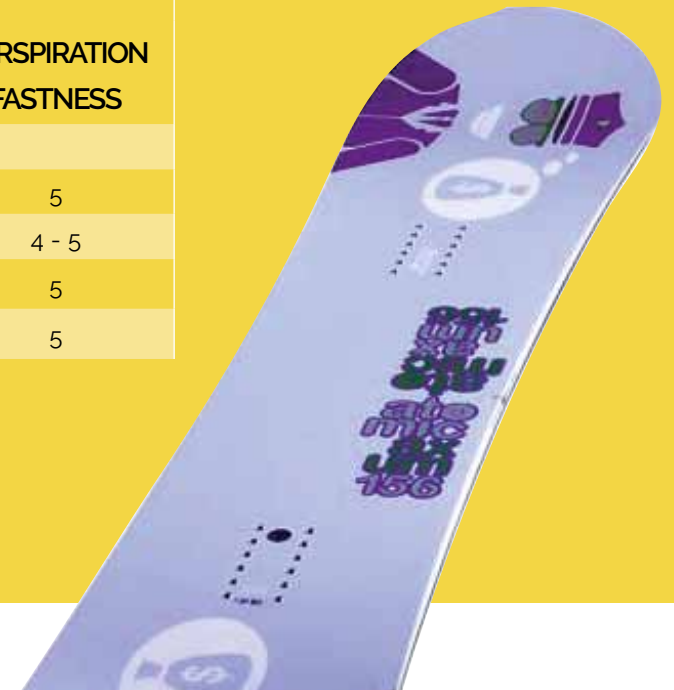
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D= Transfer 210°C



SPECIAL APPLICATIONS PRODUCTS

SUBLICOAT A+B

Bi-component varnishes designed for spray application on substrate not compatible with sublimation inks such as **glass, ceramic, aluminium and wood**.



CODE	PRODUCTS	
408102	SUBLICOAT TRASPARENTE	SOLUZIONE A
408103	SUBLICOAT TRASPARENTE	SOLUZIONE B
408104	SUBLICOAT BIANCO	SOLUZIONE A

COTTON PRIMER

Transparent water based binder for screen printing on cotton fabrics.
The obtained prints are ideal for successive sublimation.

SUBLIMATION INKS

AUXILIARIES AND COMPLEMENTARY PRODUCTS

CODE	DESCRIPTION	TRANSPARENT BASES				OTHER PRODUCTS		% MAX TO BE USED
		IDRA NEW	IDRA TEXT T	IDRA BS	FONDO "N"	SUBLISTAR OFFSET	SUBLICOAT	
167393	TEXILAC ADDENSANTE 346	•	•	•	•			2%
154448	RITARDANTE 448	•	•	•	•			10%
408021	ADDITIVO TACK	•	•	•				10%
154492	DILUENTE SUBLICOAT						•	note*
154494	SUBLISTAR DILUENTE OFF-SET					•		2%
408106	SUBLICOAT ADHESION PROMOTER						•	2-4%

*% dilution depends on application

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a Business Brand by



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