



Digital, sublimation, water based ink engineered for direct printing and transfer onto polyester or synthetic fabrics or on rigid substrates treated with a polyester based coating. Designed for piezo-electric technology EPSON and similar ones up to last generations print-heads. Fast drying on substrates, less fumes during thermos-fixing process.

Key features and substrates:

- Digital sublimation water based ink developed for direct printing and transfer
- Excellent printability and run-ability
- Outstanding colour saturation and brightness allow to obtain a very wide colour gamut
- Superb drying speed on fabrics as well as on very light or uncoated papers
- Less fumes during thermos-fixing
- Suitable for piezo-electric technology EPSON and similar print-heads, included the most recent generations
- Direct printing: it improves colour penetration into the fabric during thermos-fixing

Application fields:

- Visual communication fabrics made of polyester: flags, banners, pop-up, dividers, stands, gazebos, backlits and more
- Fashion and home-textile: fabrics made of polyester or of mixed fibres, technical functional fabrics which can stand high thermos-fixing temperatures
- Sportswear made of polyester or technical fabrics which can stand high thermos-fixing temperatures
- Sport equipment provided they can stand high temperatures
- Glass, ceramics, polycarbonate, wood, all treated with a polyester based coating

Operating parameters:

The ink is ready for use. *Do not shake it before using it!*

It is recommended to use the ink at an operative temperature of: 20°-25°C

Printed fabrics must be fixed hot by means of calender or flat press, at a temperature between 190-210°C during a varying time between 45-60 sec.

Printed paper must be transferred hot by means of calender or flat press, at a tempera-

ture between 190-210°C during a varying time between 45-60 sec.

It is possible to transfer at higher or lower temperatures by varying time consequently.

Note:

Make sure the product has indeed reached the recommended operative temperature: 20°-25°C

Colour range:

20	fluo yellow
29	yellow
30*	orange
44	fluo pink
49L*	light magenta
49	magenta
56*	blue
59L*	light cyan
51*	turquoise
59	cyan
80	black
83	polar black

10	cleaner
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**upon request*

Shelf-life and storage:

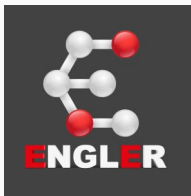
Shelf life is strictly related to storage conditions. It is strongly recommended to store ink in original closed containers, in a dark, dry room, away from heat and flames at 15-25°C

Under above mentioned conditions shelf-life will be:

12 months for all colours

Packing:

Plastic bottles: 1 L



Fastness chart

MASTERJET [®] SUBLI ULTRA	Light fastness (EN ISO 105B02)	Washing fastness (EN ISO 105C02)	Sweat fastness (EN ISO 105E04)	Sublimation class
fluo yellow 20	3/4	4/5	4/5	B
yellow 29	6/7	4/5	4/5	B
orange 30	4/5	4/5	5	B
fluo pink 44	5/6	5	4/5	C
light magenta 49L	6/7	4/5	5	C
magenta 49	6/7	4/5	5	C
blue 56	6	4/5	5	B/C
light cyan 59L	5/6	4/5	4/5	C
turquoise 51	6	5	5	C
cyan 59	5/6	4/5	4/5	C
black 80	5/6	4/5	4/5	B/C
polar black 83	5/6	4/5	4/5	B/C

KEY			
FASTNESS CHART			FASTNESS SCALE
FASTNESS	EN ISO 105B02	Light fastness	min. 1 - max. 8
	EN ISO 105C02	Washing fastness	min. 1 - max. 5
	EN ISO 105E04	Perspiration fastness	min. 1 - max. 5
SUBLIMATION CLASSES: SUGGESTED TRANSFER TEMPERATURES			
A	180°C		
B	190°C		
C	200°C		
D	210°C		

Handling and safety rules:

Please, always refer to Safety Data Sheet for further instructions and warnings.

NOTE

Our technical advice whether spoken, written or through test trials corresponds to our current knowledge and provides information about our products and use. ENGLER ITALIA cannot, however, guarantee the finished results because ENGLER ITALIA exercises no control over those factors which may determine the use and application of the product at the user's headquarter.

Unless specifically agreed in writing, ENGLER ITALIA is not, therefore, liable for any loss or damage deriving from an unauthorized use of the product.

The selection and testing of the product is exclusively user's responsibility. Should any liability claim arise, they shall be limited to the value of goods delivered by ENGLER ITALIA and utilised by user with respect to any and all damages not caused intentionally or by gross negligence