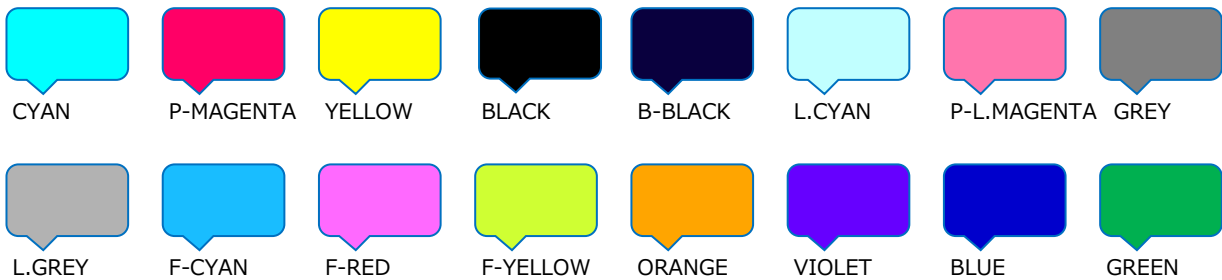


KIWA-JET

ES-4 Series

Type of Ink	Sublimation ink	Advantages	Suitable for dye-sub transfer, Less smoke(patented), Anti-ghosting, High transfer efficiency, Wider color field		
Target fabric	Polyester				
Major application	Sports apparel[dye-sub transfer], Flag · Soft-Signage[dye-sub direct]				
Processing temperature	200℃×60 sec. (Flat · Callender roller heat press)	Viscosity range			
Precoating on fabrics is recommended when using for direct sublimation printing.		Low	Middle	High	

COLOR LINEUP



Fastness

Color	Light fastness	Washing	Dry cleaning	Water	Perspiration	Rubbing
CYAN	4	4.5	4.5	4.5	4.5	4
P-MAGENTA	6	4.5	4.5	4.5	4.5	4.5
YELLOW	>6	4.5	4.5	4.5	4.5	4.5
BLACK	>6	4	4	4	4	4
B-BLACK	>6	4.5	4.5	4.5	4.5	3
L.CYAN	4	4.5	4.5	4.5	4.5	4.5
P-L.MAGENTA	>6	4.5	4.5	4.5	4.5	4.5
GREY	4	4	4	4	4	4.5
L.GREY	3	4	4	4	4	4.5
F-CYAN	>6	4.5	4.5	4.5	4.5	4.5
F-RED	6	4.5	4.5	4.5	4.5	4.5
F-YELLOW	3.5	4	4.5	4.5	4.5	4
ORANGE	>6	4.5	4.5	4.5	4.5	4.5
VIOLET	6	4.5	4.5	4.5	4.5	4.5
BLUE	6	4.5	4.5	4.5	4.5	4
GREEN	6	4.5	4.5	4.5	4.5	4.5

Test Method

Testing fabric : Polyester 100%(Tropical),

Printing condition: 720 x 720 dpi, 8pass, uni direction, 100% output(printing on transfer paper)

Transfer condition : 200℃×60 sec(Flat heat press)

Light fastness : JIS L 0842 (100h exposure), Wash fastness : JIS L 0844 (A-4)

Dry cleaning fastness : JIS L 0860, Water fastness : JIS L 0846,

Perspiration fastness : JIS L 0848 (Alkali), Rubbing fastness : JIS L 0849 type II (Dry)

Notice: Please not that the above test was carried out under our condition and the result will change greatly depending on the customer's conditions (type of clothes, transfer papers, etc.).

KIWA-JET

ES-2 Series

Type of Ink	Sublimation ink	Advantages	Suitable for dye-sub direct print, Less smoke(patented), High penetration, Wider color field	
Target fabric	Polyester			
Major application	Sports apparel[dye-sub transfer], Flag · Soft-Signage[dye-sub direct]			
Processing temperature	200°C×60 sec. (Flat · Callender roller heat press)	Viscosity range		
Precoating on fabrics is recommended when using for direct sublimation printing.		Low	Middle	High

COLOR LINEUP



Fastness

Color	Light fastness	Washing	Dry cleaning	Water	Perspiration	Rubbing
CYAN	4.5	5	5	5	5	5
P-MAGENTA	6	4.5	5	5	5	4.5
YELLOW	6	4.5	5	5	5	5
X-BLACK	6	4.5	5	5	5	4.5
P-L.MAGENTA	6	5	5	5	5	5
L.CYAN	5.5	5	5	5	5	5

Test Method

Testing fabric : Polyester 100%(Tropical),

Printing condition:720 x 720 dpi, 8pass, uni direction, 100% output(printing on transfer paper)

Transfer condition : 200°C×60 sec(Flat heat press)

Light fastness : JIS L 0842 (100h exposure), Wash fastness : JIS L 0844 (A-4)

Dry cleaning fastness : JIS L 0860, Water fastness : JIS L 0846,

Perspiration fastness : JIS L 0848 (Alkali), Rubbing fastness : JIS L 0849 type II (Dry)

Notice: Please not that the above test was carried out under our condition and the result will change greatly depending on the customer's conditions (type of clothes, transfer papers, etc.).

KIWA-JET

KS Series

Type of Ink	Sublimation ink	Advantages	Less smoke(patented), High coloring efficiency, Brilliant · Wider color field	
Target fabric	Polyester			
Major application	Sports apparel[dye-sub transfer], Flag · Soft-Signage[dye-sub direct]			
Processing temperature	200℃×60 sec. (Flat · Callender roller heat press)	Viscosity range		
Precoating on fabrics is recommended when using for direct sublimation printing.		Low	Middle	High

COLOR LINEUP



Fastness

Color	Light fastness	Washing	Dry cleaning	Water	Perspiration	Rubbing
CYAN	4	5	5	5	5	4
P-MAGENTA	6	5	5	5	5	4
YELLOW	6	5	5	5	5	5
B-BLACK	6	4.5	4.5	4.5	4.5	3.5
F-CYAN	>6	5	5	5	5	4
F-RED	6	4.5	5	5	5	4.5
F-YELLOW	4	4.5	5	5	5	4.5

Test Method

Testing fabric : Polyester 100%(Tropical),

Printing condition: 720 x 720 dpi, 8pass, uni direction, 100% output(printing on transfer paper)

Transfer condition : 200℃×60 sec(Flat heat press)

Light fastness : JIS L 0842 (100h exposure), Wash fastness : JIS L 0844 (A-4)

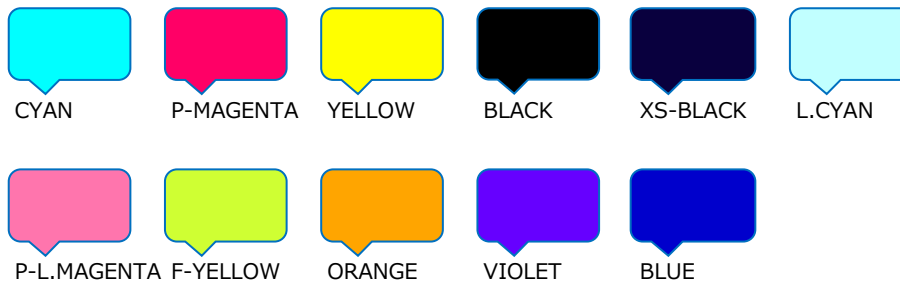
Dry cleaning fastness : JIS L 0860, Water fastness : JIS L 0846,

Perspiration fastness : JIS L 0848 (Alkali), Rubbing fastness : JIS L 0849 type II (Dry)

Notice: Please not that the above test was carried out under our condition and the result will change greatly depending on the customer's conditions (type of clothes, transfer papers, etc.).

Type of Ink	Sublimation ink	Advantages	Less smoke(patented), High coloring efficiency, Brilliant · Wider color field	
Target fabric	Polyester			
Major application	Sports apparel[dye-sub transfer], Flag · Soft-Signage[dye-sub direct]			
Processing temperature	200℃×60 sec. (Flat · Callender roller heat press)	Viscosity range		
Precoating on fabrics is recommended when using for direct sublimation printing.		Low	Middle	High

COLOR LINEUP



Fastness

Color	Light fastness	Washing	Dry cleaning	Water	Perspiration	Rubbing
CYAN	4	4.5	4.5	4.5	4.5	4
P-MAGENTA	6	4.5	4.5	4.5	4.5	4.5
YELLOW	>6	4.5	4.5	4.5	4.5	4.5
BLACK	>6	4	4	4	4	4
XS-BLACK	>6	4.5	4.5	4.5	4.5	3
L.CYAN	4	4.5	4.5	4.5	4.5	4.5
P-L.MAGENTA	>6	4.5	4.5	4.5	4.5	4.5
F-YELLOW	3.5	4	4.5	4.5	4.5	4
ORANGE	>6	4.5	4.5	4.5	4.5	4.5
VIOLET	6	4.5	4.5	4.5	4.5	4.5
BLUE	6	4.5	4.5	4.5	4.5	4

Test Method

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