

Type of Ink	Disperse dye ink	Advantages	High jetting quality, High stability, Wider color field, High fastness		
Target fabric	Polyester				
Major application	General clothing, Industrial materials, etc.				
Processing temperature	175℃×7.5 min. (H.T.Steamer)→ R.C. (Reduction cleaning) 200℃×2 min.(Thermosol)→ R.C. (Reduction cleaning)	Viscosity range			
Precoating on fabrics is needed.		Low	Middle	High	

COLOR LINEUP



Fastness

Color	Light fastness	Chlorine fastness	Washing	Water	Perspiration	Sublimation
CYAN	>6	5	5	5	5	5
MAGENTA	>6	5	5	5	5	5
YELLOW	>6	5	5	5	5	5
N.BLACK	>6	4.5	4.5	4.5	4.5	5
L.BLACK	>6	4.5	4.5	4.5	4.5	5
RED	>6	4.5	4.5	4.5	4.5	5
L.MAGENTA	>6	4.5	4.5	4.5	4.5	5
L.CYAN	>6	4.5	4.5	4.5	4.5	5
ORANGE	>6	4.5	4.5	4.5	4.5	5
BLUE	>6	4.5	4.5	4.5	4.5	5

Test Method

Testing fabric : Polyester 100% (Tropical)

Printing condition: 720 x 720 dpi, 8pass, uni direction, 100% output

Dyeing condition : H.T.Steamer(175℃×7.5min.)- Reduction Cleaning (R.C.) Heat set (170℃×30 sec.)

Light fastness : JIS L 0842 (100h exposure), Chlorine fastness : JIS L 0884 (D method 100ppm)

Wash fastness: JIS L 0844(A-4), Water fastness : JIS L 0846, Perspiration fastness : JIS L 0848 (Alkali)

Sublimation fastness : JIS 0854 (120℃×80min. in Storage)

KIWA-JET

KD Series

Type of Ink	Disperse dye ink	Advantages		
Target fabric	Polyester			
Major application	General clothing, Industrial materials, etc.			
Processing temperature	175℃×7.5 min. (H.T.Steamer)→ R.C. (Reduction cleaning) 200℃×2 min.(Thermosol)→ R.C. (Reduction cleaning)	Viscosity range		
Precoating on fabrics is needed.		Low	Middle	High

COLOR LINEUP



CYAN



MAGENTA



YELLOW



BLACK



GREY-3



RED-2



ORANGE



BLUE

Fastness

Color	Light fastness	Chlorine fastness	Washing	Water	Perspiration	Sublimation
CYAN	>6	4.5	4.5	4.5	4.5	4
MAGENTA	>6	4.5	4.5	4.5	4.5	4.5
YELLOW	>4	5	5	5	5	5
BLACK	>6	4.5	4.5	4.5	4.5	4.5
GREY-3	>6	3	4.5	4.5	4.5	4.5
RED-2	>6	4.5	4.5	4.5	4.5	5
ORANGE	>6	4.5	4.5	4.5	4.5	4
BLUE	>6	4.5	4.5	4.5	4.5	4.5

Test Method

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Light fastness : JIS L 0842 (100h exposure),

Chlorine fastness : JIS L 0884 (D method 100ppm)

Wash fastness: JIS L 0844(A-4),

Water fastness : JIS L 0846,

Perspiration fastness : JIS L 0848 (Alkali)

Sublimation fastness : JIS 0854 (120℃×80min. in Storage)

Notice: Please note 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.).