Everjet®

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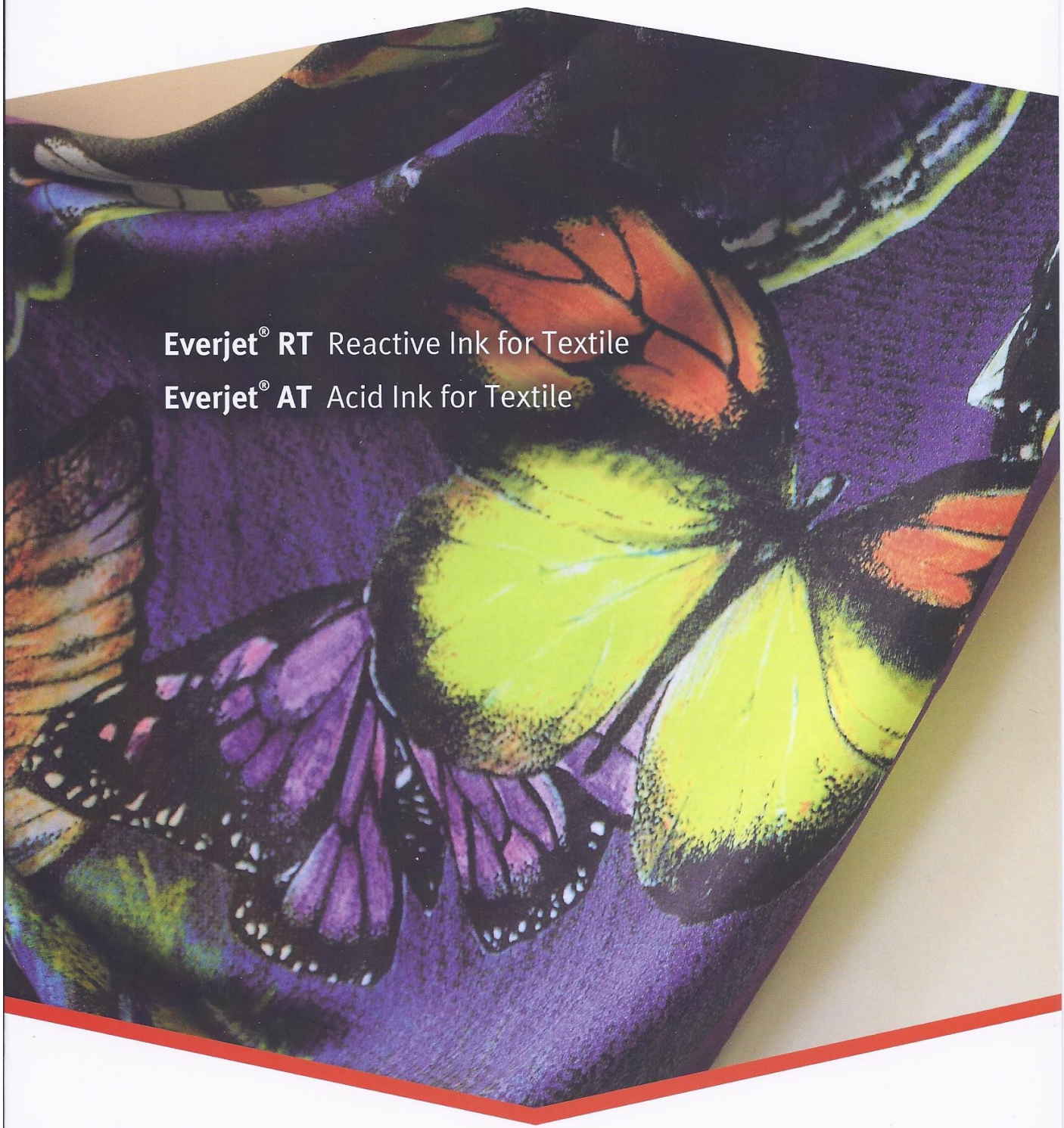

Everjet® RT Reactive Ink for Textile

Everjet® AT Acid Ink for Textile

Everlight Chemical

Everjet® RT Pre-Process & Post-Process

Basic recipe for fabric pre-padding

Thickener (Alginate)	10-15 g/l
Reduction Inhibitor	10-20 g/l
Alkali ($NaHCO_3$)	20-25 g/l
Hygroscopic Agent (Urea)	100-200 g/l

Procedure

Pre-Padding → Drying (below 120°C) → Printing → Mild Drying →
Steaming (102°C x 8' - 12') → Wash-off → Finishing

Remark

1. Urea dosage : Cotton 100-150 g/l ; Silk 100-150 g/l ; Viscose 150-200 g/l
2. Steaming Humidity : 75% (minimum) - 100% ; should be stable
3. Wash-off sequence : Cold → Warm → Hot → Warm → Cold

Everjet® AT Pre-Process & Post-Process

Basic recipe for fabric pre-padding

Thickener (Guar)	10-15 g/l
Acid ($(NH_4)_2SO_4$)	20-30 g/l
Hygroscopic Agent (Urea)	50-100 g/l

Procedure

Pre-Padding → Drying (below 120°C) → Printing → Mild Drying →
Steaming (102°C x 20' - 30') → Wash-off → Finishing

Remark

1. Steaming Humidity : 75% (minimum) - 100% ; should be stable
2. Wash-off sequence : Cold rise (Addition Staining inhibitor agent)

Mercerized Cotton	Everjet® RT Color	Silk
	Light Cyan	
	Cyan	
	Light Magenta	
	Magenta	
	Yellow	
	Black	
	Grey	
	Orange	
	Red	
	Blue	

Everjet® AT Color (polyamide)		
Cyan	Light Cyan	
Magenta	Light Magenta	
Yellow	Orange	
Black	Grey	
Red	Blue	

Fastness data of **Everjet® RT**

Everjet® RT	Washing ISO 105 C06 C2S			Crocking ISO 105 X12		Light Fastness	
	Color change	Cotton stain	Nylon stain	Dry	Wet	AATCC 16-3 Color change	ISO 105 B02 Rating
Cyan	4-5	3	5	4-5	3	4-5	5-6
Magenta	4-5	4-5	5	4-5	3	3-4	4-5
Yellow	4-5	4-5	5	5	3-4	5	6
Black	4-5	5	5	4-5	3	3	4-5
Light Cyan	4-5	4	5	4-5	3-4	4	5
Light Magenta	4-5	5	5	4-5	3	2-3	3-4
Grey	4-5	5	5	4-5	3	4	5
Orange	4-5	4-5	5	4-5	3	3-4	4
Red	4-5	4-5	5	4-5	3	3-4	4
Blue	4-5	5	5	5	3	5	5-6

1. 100% print used for washing & crocking fastness tests; 50% print used for Light Fastness test.
2. Fastness results may be affected by the variation of substrate and relative application and fixation procedure.

Everjet® AT Fastness properties (polyamide)

Everjet® AT	Fastness to washing ISO 105 C06 C2S (60°C)			Fastness to perspiration (Alkali) ISO 105-E04			Light Fastness ISO 105 B02 (Xenotest)	Chlorinated water(50 ppm) ISO 105-E03
	Color change	Cotton	Nylon	Color change	Cotton	Nylon		
Cyan	4-5	3-4	5	4-5	5	5	3	3-4
Magenta	4-5	3-4	4-5	4-5	5	5	4-5	4-5
Yellow	4-5	5	5	4-5	5	5	6	4-5
Black	4-5	5	3-4	4-5	5	5	6	4-5
Grey	4-5	5	4	4-5	5	5	5-6	3-4
Orange	4-5	4-5	5	4-5	4-5	4-5	4-5	3-4
Red	4-5	3-4	4	4-5	4-5	4-5	5	3-4
Blue	4-5	3-4	2	4-5	5	5	5-6	3

1. All wet fastness test has been fixing treatment.
2. All fastness test is 100% ink printed fabric.

Features

- Consistent quality & stability ensure excellent reproducibility
- Unique formulations without risk on print head damage
- High saturate color yield let the print sharp and free of bleeding
- Non-risky of print head blocking after long period print or stop over
- Reliable performance let the printing smooth & efficient
- Compatible with high speed printing mode & free of banding problem
- Easy wash-off with excellent fastness performance
- Diversified ranges are available for various printing heads