



evolve

Printex Monthly News Bulletin

August 2016 | Issue 43

Tips of the MONTH

"The most common way people give up their power is by thinking they don't have any."

- Alice Walker

Making the beginning is one third of the work.

~ Irish Proverb

KEEP YOUR FEARS TO YOURSELF, BUT SHARE YOUR COURAGE WITH OTHERS

PictureQuotes.com

NOBODY CAN GO BACK AND START A NEW BEGINNING, BUT ANYONE CAN START TODAY AND MAKE A NEW ENDING.

~ MARIA ROBINSON

Achievements of Pioneer Ultra YC

Diamondback Print – Black T'shirt

Color	Mesh Count	No of Strokes
Beige	90 T	1
Flash	100 Deg C / 5 Sec	
Red	100 T	1
Blue	100T	1
Gold	100T	1
Grey	100T	1
Flash	100 Deg C / 5 sec	
White	100T	2



Production done in Sri Lanka

General	
Emulsion Coating	2+2
Squeegee	75 Shore / square edge
Machine	M&R Sportsman E
Final Cure	140 Deg C for 90 Sec
Formulations	381 base added to all colors and Beige colour is made with flash white

Two Colour High Build Print

Color	Mesh Count	No of Strokes
White	54 T	2
Flash	100 Deg C / 5 Sec	
Repeat four times		
Grey	71T	2



Production done in Bangladesh

General	
Stencil	200 micron Phat film
Squeegee	75 Shore / square edge
Manual	Table Top
Final Cure	140 Deg C for 2.5 -3 min
Formulations	White – 65% White 021 + 30% base 397 + 3% puff base 417 + 2% ZE1177 Grey – Colour match + 20% base 433

Bench marking with a competition ink

Competition ink			Pioneer Ultra YC		
Colour	Mesh	Strokes	Colour	Mesh	Strokes
White	47T	2 -Flash	F White	62 T	2- Flash
White	47 T	2 -Flash	Orange	71 T	2- Flash
Orange	47 T	2 - Flash	Navy	77 T	2
Orange	47 T	2	White	71 T	2- Flash
Navy	55 T	2 -Flash	Puff	62 T	2 - Cure
White	47 T	2 -Flash			
Puff/blue	47 T	2 -Flash			
Puff/blue	47 T	2 - Cure			



Production done in Sri Lanka

General	
Stencil	2+ 2
Squeegee	75 Shore / square edge
M&R	Sportsman
Final Cure	140 Deg C for 2.5 -3 min
Formulations	Flash White -FW 757 + 10% YC 433 + 2% YC 417 Colour - YC Colours + YC 381 10% (Optional + 2% YC382 matt base)

THICKENERS

REACTIVE & DISPERSE

CRESACLEAR SRD (for reactive dyes)

CRESACLEAR SRD: Synthetic thickener for reactive and disperse dyes.

- It can be used on all type of flat bed or rotary printing machines.
- Suitable for printing on cotton, viscose rayon and all the cellulose fabrics.
- Complete hydration is occurred immediately, far different from alginates which takes up to 24 hours.
- CRESACLEAR SRD allows better leveling, higher definition and superior color yield than pastes prepared with alginates.
- It is excellently removable after washing off process, allowing a very soft handle to the finished printing.
- CRESACLEAR SRD is unaffected by bacterial attacks, having far superior shelf lives than alginate based pastes.
- Hard water may influence the soft handle as well as the final viscosity of the paste. We recommend the addition of CRESALON AL-60.
- To improve electrolyte stability, it is possible to combine CRESACLEAR SRD with alginate (Cresagum RE-10/RE-S5)

Application

Printing Orientative Recipe ;

Distilled water	Rest
Urea	60 - 150 gr / kg
Sodium Carbonate	30 gr / kg
DEOXIN LAP	10 gr / kg
CRESACLEAR SRD	35 - 45 gr / kg
Reactive dye	X gr / kg
Total ☒	1,000

Direct addition of CRESACLEAR SRD allows post-thicken immediately alginates print pastes, just by stirring.

Steaming

Temperature	: 104°C
Steam	: 90 %
Time	: 40 minutes

Combined with alginates

Distilled water	Rest
CRESAGUM RE-10	80 gr / kg
Urea	150 gr / kg
Sodium Carbonate	30 gr / kg
DEOXIN LAP	10 gr / kg
Reactive dye	X gr / kg
CRESACLEAR SRD	5 - 10 gr / kg
Total ☒	1,000

Washing off

- 1.- Rinse with cold water with overflow
- 2.- Wash at 90°C – 100°C with 2 g/l CRESALON AL -60

Application

Printing Orientative Recipe ;

Distilled water	Rest
Urea	60 - 150 gr / kg
Sodium Carbonate	30 gr / kg
DEOXIN LAP	10 gr / kg
CRESACLEAR SRD	35 - 45 gr / kg
Reactive dye	X gr / kg
Total ☒	1,000

Combined with alginates

Distilled water	Rest
CRESAGUM RE-10	80 gr / kg
Urea	150 gr / kg
Sodium Carbonate	30 gr / kg
DEOXIN LAP	10 gr / kg
Reactive dye	X gr / kg
CRESACLEAR SRD	5 - 10 gr / kg
Total ☒	1,000

Direct addition of CRESACLEAR SRD allows post-thicken immediately alginates print pastes, just by stirring.

Steaming

Temperature	: 104°C	Washing off
Steam	: 90 %	1.- Rinse with cold water with overflow
Time	: 40 minutes	2.- Wash at 90°C – 100°C with 2 g/l CRESALON AL-60

REACTIVE & DISPERSE

CRESACLEAR SRD (for disperse dyes)

CRESACLEAR SRD: Synthetic thickener for reactive and disperse dyes.

- CRESACLEAR SRD is a thickener of high quality and concentration for disperse dyes.
- Easy and quick pastes' preparation.
- Easy viscosity fitting.
- Stable viscosity during the production and stock paste.
- It is not necessary the addition of acids, carriers or oxidant agents.
- In general preparation at 12 gr / kg for stock paste.

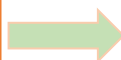
Orientative Recipe ;

Distilled water	988 gr / kg
CRESACLEAR SRD	12 gr / kg
Disperse dye	X gr / kg

Note: With the dye addition, it is produced a viscosity drop of the paste, the viscosity is back with the addition of 0,5-1% of CRESACLEAR SRD, depending on the amount of the dye.

FIXING

30' at 1,5 Atmospheres overpressure
10' at 175°C Reheated Steam
1,5' at 190°C Air



Washing Cold water
Reducer Water at 60°C-70°C
Caustic soda 2 g/l
Cresanet R-110 2 g/l
Rinse with cold water
Neutralized with acid bath with 2 g/l acetic acid

News From Printex

Mr. Iasantha Peiris from Fujifilm Sericol visited Pakistan from 15th August till 20th August. During his visit, he shared his valuable experiences with the customers to help them in improving the printing quality.

Printex held his Annual Dinner at Lahore office on 19th August, few pics for reference.

By the Grace of Allah Almighty, Printex celebrated her 10th Anniversary this month.

Printex sales team is going to Northern Areas for a pleasure trip of 3 days.

Cresa introduces a new synthetic thickener for the Reactive and disperse printing, CRESACLEAR SRD.





PRINTEX Chemicals (Pvt.) Ltd.

E-mail: printexworld@gmail.com

Website : www.printex.com.pk



**Defence Road, 0.5 Km off, Bhopatian Chowk, Mauza Bhopatian,
Rohinala Raiwind Road, Behind Zimbis Knitwear (Pvt) Ltd, Lahore.
Contact No. +92-42-35966300, +92-42-35966301.
Fax No. +92-42-35966300**