

How to Print on Cotton Using **Orco Reactive BF-Series™** Dyes

1. Properly prepare and prescour goods. If the substrate being processed is rayon, do not exceed a pH of 9 as it will cause saponification of the fiber.
2. Make print paste consisting of:

X%	BF-Series™ reactive dye
3%	urea
30%	soft warm water
60%	Sodium Alginate(4%)
1%	Orcotol MN Powder™
0.5%	Orco Ferrosol PT 500™
2%	Sodium Bicarbonate
3. Bulk with water to obtain full 100% formula.
4. Print
5. Dry at 230° F (110°C) for 2 minutes.
6. Steam at 215°F (102°C) for 3-5 minutes.
7. Wash excess or unfixed dye by cold rinsing, warm neutralizing rinse @ 120°F(50°C) using acetic acid, then a thorough hot rinse.
8. Soap at boil using 0.25 oz/gal (2gr/L) **Orcopon KP™**
9. Warm rinse then a final cold rinse.