

## How to Print on Acetate Using Orcocil™ Disperse Dyes

Care should be exercised when selecting dyes for certain applications due to the limitations of gas-fade properties of some dyes.

1. Prepare goods as necessary. Typically, a simple prescour where the goods are run for 30 minutes at 180°F(82°C) with 1-2% owg **Orcoterge 35-C™** is sufficient, along with a good rinse.
2. Make up print paste containing:
  - i. X parts Cold Water
  - ii. 1.5-4.0 parts **Orco Clear Conc SP-2™**
3. Mix these two components with a high-speed mixer until smooth. Amount of **Orco Clear Conc SP-2™** is dependent on viscosity desired. Then add:
  - i. 1% **Orcotol MN Powder™**
  - ii. X% **Orcocil™** Disperse dye solution
4. Run a high-speed mixer for 5-10 minutes until smooth.
5. The pH of a synthetic clear should never go below 7.5 .
6. Screen print paste onto acetate fabric.
7. Dry goods at a maximum temperature of 205°F(96°C).
8. Fix dye onto fiber by passing goods through a continuous ager at 220°F(104°C) for 20 minutes.
9. Rinse goods cold then wash with 0.133 oz/gal(1g/L) **Orconol CHSA Conc™** at 110°F(43°C).
10. Rinse cold and dry.