

How to Dye Acetate/Rayon Blends with Orcocil™ and Orco™ Direct Dyes using a Beck Dyeing Process

1. Care should be exercised when selecting **Orcocil™** dyes for certain applications due to the limitations of gas-fade properties of some dyes.
2. Do not exceed a pH of 9 in any process involving rayon as it will cause saponification of the fiber.
3. Prepare and prescour goods as necessary.
4. In a bath at 110°F(43°C) add:
 - X% owg **Orcocil™** pre-dispersed dye
 - Y% owg **Orcolitefast™** pre-dissolved dye
 - 1% owg **Orco Lubricant WS-NY™**
5. Adjust pH to 6.5-7 using acetic acid, raise temperature to 190-200°F(88- 94°C), and run for one hour.
6. Adjust pH to 7 and add 20-30% owg Common or Glauber's salt in three equal portions over 30 minutes.
7. Cool slowly to 90°F(32°C) and cold *salt-rinse* to help minimize dye wash-off.
8. Add fixative **Orcofix EC™** or **Orcofix F-NF™** if necessary.