

How to Jig Dye 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 disperse dyes.

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.

1. In a dyebath at 100°F(38°C) add:

1.0 % owg **Orcoterge 35-C™**

Acetic Acid to a pH of 5.5-7

2. Run two ends then begin adding **Orcocil™** Disperse dyes. Add the dye solution evenly across the jig and run two ends.
3. Raise the temperature to 130°F(54°C) and run two ends.
4. Raise the temperature to 150°F(66°C) and run two ends.
5. Slowly raise temperature to 175-185°F(79-85°C) and run two ends. More dyeing time may be required for deeper shades and is also dependent on the construction of the fabric. The luster of the fiber will decrease with the increase of dyeing temperature. If luster is not desired, an initial boil of the fabric for 15 minutes before the dyeing will degrade the luster. It is important to keep in mind that the dyeing of fiber requires energy which is related to the amount of time and temperature. The shorter the end is, the less amount of time for each end and therefore overall dyeing time is less. This procedure assumes one end requires a minimum of 15 minutes.
6. Drop bath and rinse at 110°F(43°C) for four ends.
7. An after-scour may be necessary to remove any excess surface dye.