Direct Application on Nylon and Acetate Rayon using PROsperse Disperse Dyes

Please read directions carefully before starting.

Use PROsperse Disperse dyes to paint, stencil or screen print on nylon and acetate rayon. Always do a test sample before working on a large project. Please Note: These dyes have the potential to stain any sink that is not made of stainless steel or fireclay ceramic. For additional information visit our web site at www.prochemicalanddye.com.

◆ Wear rubber gloves, apron, or old clothes.
◆ Utensils used for dyeing should never be used for food preparation.

Supplies
PROsperse Disperse Dye
Metaphos
PRO Thick F
Ludigol (formerly known as PRO Chem Flakes)
Synthrapol
PRO Dye Activator or Soda Ash

Procedure
1. Scour the fabric by machine washing in HOT 140°F (60°C) water, or by hand in a pot on the stove with ½ tsp (2 gm) PRO Dye Activator or Soda Ash and ½ tsp (2.5 ml) Synthrapol per pound of fabric (454 gm, or 3 to 4 yards of muslin weight fabric). Rinse thoroughly. This step does not add the dye fixative to the fabric; it prepares your fabric for dyeing by removing any dirt, oil or sizing.

1 cup Thickened Dye Paint for Nylon

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<th>Pale</th>
<th>Medium</th>
<th>Dark</th>
<th>Black</th>
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<tbody>
<tr>
<td>Dye Powder</td>
<td>1 tsp (2.5 gm)</td>
<td>2 tsp (5 gm)</td>
<td>3 tsp (7.5 gm)</td>
<td>5 tsp (12.5 gm)</td>
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<tr>
<td>PRO Thick F</td>
<td>2-3 tsp (5.2-7.8 gm)</td>
<td>2-3 tsp (5.2-7.8 gm)</td>
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<tr>
<td>Synthrapol</td>
<td>½ tsp (2.5 ml)</td>
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<tr>
<td>Ludigol</td>
<td>For Deep Shades Only</td>
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<td>¼ tsp (0.5 gm)</td>
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<tr>
<td>Metaphos</td>
<td>½ - ¾ tsp (3.5 -5 gm)</td>
<td>½ - ¾ tsp (3.5 -5 gm)</td>
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<td>½ - ¾ tsp (3.5 -5 gm)</td>
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<tr>
<td>Water</td>
<td>To make 1 cup (250 ml)</td>
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2. Dissolve the dye. Measure the desired amount of dye powder, from the chart above. Dissolve dye into ¾ cup (188 ml) 80°F to 90°F (27° to 32°C) water.
3. **Make the dye paint.** Add Synthrapol, PRO Chem Flakes and Metaphos. Stir until dissolved. While rapidly stirring, sprinkle up to 3 teaspoons (7.8 gm) PRO Thick F into the dye paint. Add water to make 1 cup (250 ml). Stir intermittently, until a smooth paste is obtained, approximately 1 hour. Dye paint should be kept in closed container.

4. **Paint, print, or silk screen** onto the fabric.

5. **Air dry** after printing or painting.

6. **Steam** for 30 minutes at 212°F (100°C).

7. **Rinse well** in warm 105°F to 110°F (41° to 43°C) water and dry.

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