



6 Step Gradation Dyeing Using PRO One Shot

Please read directions carefully before starting

This is a professional dye for Wool, Silk, Nylon and other protein fibers with a "No-Hassle" procedure. Everything you need is in the jar. These directions will dye 6 to 8 pieces of wool fabric that are 9 inches by 12 inches or 6 skeins of yarn that weigh about 1 ounce each. Always do test samples before working on a large project. For additional information, visit our web site at www.prochemicalanddye.com.

- ✘ Wear rubber gloves, apron or old clothes.
- ✘ All utensils used for dyeing should not be used for food preparation.

Supplies

One jar of One Shot Dye
6 or 8 strips of wool fabric 9" x 12" or 1 ounce wool skeins
Synthrapol
White distilled vinegar (optional)

Equipment

6 or 8 wide mouth quart canning jars or quart plastic jars
Stainless steel or enamel pot big enough for the 6 or 8 jars to fit in
1 cup (250 ml) Pyrex measure
1 set of measuring spoons

- 1. Wet out the wool fabric or yarn** by measuring $\frac{1}{4}$ tsp (1.25 ml) Synthrapol in 1 gallon (4 liters) of warm 110°F (44°C) water. Soak for at least 30 minutes.
- 2. Prepare the dye baths.** Number each quart jar from 1 through 6. Measure 2 cups (475ml) room temperature 75° to 95°F (24° to 35°C) water in each quart jar.
- 3. Dissolve the dye powder.** Measure 4 teaspoons (10 gm) dye powder into a 1 cup (250 ml) Pyrex measure. Add approximately $\frac{1}{4}$ cup (60 ml) of boiling water and stir to make a lump free paste. Then add room temperature water to make 1 full cup (250ml) of dye solution. Stir thoroughly and set aside.
- 4. Measure the dye solution into dye baths** as follows:
Dye Bath #1: Measure $\frac{1}{2}$ cup (125 ml) of the dye solution, pour it into the first dye bath and mix well.
Dye Bath #2: Refill the dye solution cup with room temperature water to the 1 cup (250 ml) mark. Measure $\frac{1}{2}$ cup (125 ml) of this diluted dye solution, pour it into the second dye bath and mix well.

Dye Bath #3: Refill the dye solution cup with room temperature water to the 1 cup (250 ml) mark. Measure ½ cup (125 ml) of this diluted dye solution, pour it into the third dye bath and mix well.

Dye Bath #4: Refill the dye solution cup with room temperature water to the 1 cup (250 ml) mark. Measure ½ cup (125 ml) of this diluted dye solution, pour it into the fourth dye bath and mix well.

Dye Bath #5: Refill the dye solution cup with room temperature water to the 1 cup (250 ml) mark. Measure ½ cup (125 ml) of this diluted dye solution, pour it into the fifth dye bath and mix well.

Dye Bath #6: Refill the dye solution cup a final time with room temperature water to make 1 cup (250 ml). Measure ½ cup (125 ml) of this diluted dye solution, pour it into the sixth dye bath and mix well. Pour the remaining ½ cup (125 ml) of diluted dye solution down the drain

5. Add the fiber. Carefully add the wetted out wool fiber and stir gently. Create a hot water bath by putting each jar in a large pot and adding water until the level is slightly above the total volume of liquid in each quart jar. Gradually heat the dye baths to a boil (only 185°F (85°C) for Silk). Gently simmer the fiber for 30 minutes, stirring continually and gently to get even color results. If you have color left in the dye baths at the end of 30 minutes, then add 2 teaspoons (10 ml) of white distilled vinegar to each jar. Simmer another 10 minutes. Let the dye baths cool to room temperature. Remove the fiber and rinse well in warm water. Squeeze out any excess water and air dry. Discard the dye bath down the drain.

Variations:

2 Color Gradation:

1. In Step #2, measure 1½ cups (375 ml) of water in each of the six quart jars.
2. In Step #3, prepare 2 dye solutions of two different colors. The best results will come from choosing colors that have contrast, like yellow and blue versus yellow and orange. Measure 2 teaspoons of dye powder, instead of 4 teaspoons.
3. Follow Step #4 with Color #1, beginning with Jar #1 and ending with Jar #6.
4. Now follow Step #4 with Color #2, beginning with Jar #6 and ending with Jar #1.
5. Complete the dye process with Step #5.

8 Step Gradation:

Complete the dye process as written above, except increase the number of quart jars to 8.