

DTG PreTreat® Paper



Pretreated with: DTG PreTreat® Paper



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DTG PreTreat® Paper Preparation and Usage Instructions

DTG PreTreat® Paper is a mess-free solution for pretreating light or dark fabrics that will be printed via a direct-to-garment (DTG) printer.

PRETREATING THE FABRIC AND DTG PRETREAT® PAPER

This pretreatment will require the use of a heat press. For best results use a heat press with temperature and pressure measurement display. Quickly press the fabric with heat and high pressure before pretreatment to remove any wrinkles. A quick swipe of a lint roller may be needed depending on the fabric.

1. Position the fabric in the heat press. Best practice would be to 'dress' the press and lay a single sheet of the (re-hydrated) DTG PreTreat® Paper over the area to be printed.

Note: Disposable gloves should be worn when touching the DTG PreTreat® Paper.

2. Cover the paper with a silicone pad.

3. Press the fabric, DTG PreTreat® Paper and silicone pad with a room temperature press under high pressure (65 to 80 psi/5 to 6 bar) for 35 seconds.

*See page 3 for Tips & Tricks.

4. Remove the silicone pad and recycle or dispose of the DTG PreTreat™ Paper. The pretreated fabric may be dried immediately or stockpiled for up to an hour prior to dyeing (as long as the pretreatment does not dry on the surface).

To stockpile the pretreated fabric:

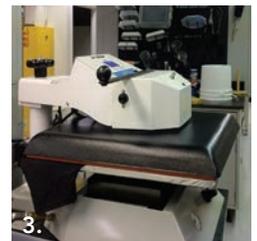
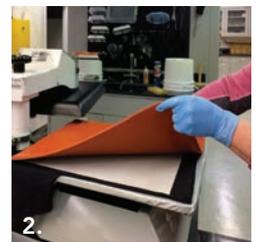
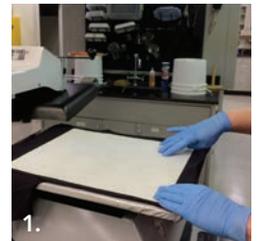
- Place shirt (pretreated side down) on a clean, moisture-proof, flat surface
- Place second shirt directly on top of the first shirt (pretreated side down)
- Continue pretreating and stacking for up to one hour before proceeding to step 5

5. Dry the pretreatment by placing the fabric in the heat press. Best practice would be to 'dress' the press. Press at 350°F/177°C under high pressure (65 to 80 psi/5 to 6 bar) for 35 seconds.

Note: When drying multiple fabrics in succession be aware of condensation from the escaping steam. Do not let condensation drip on pretreated fabric during removal from the press.

6. Remove the fabric from the heat press and print the desired area or areas with a DTG printer.

Printing may occur immediately on the fabric or it can be stored in a dry container and printed weeks or months later.



RECYCLABLE



MADE IN USA

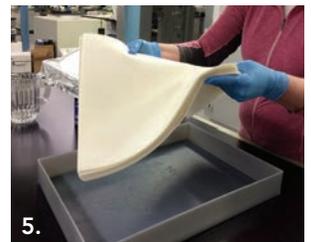
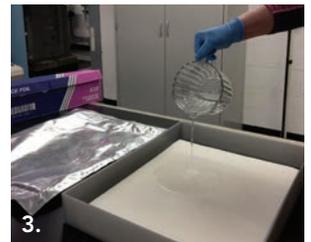
PREPARATION OF DTG PRETREAT® PAPER

DTG PreTreat® Paper arrives dry to save on shipping and handling costs. As a result, you will need to re-hydrate the pretreatment sheets before the print enabling treatment can be transferred to the fabric. There are two unique methods for re-hydrating pretreatment sheets. Both methods involve adding water to a stack of pretreatment papers and an emphasis on even distribution of the water throughout the stack. Neenah provides a DTG PreTreat® Tub for low cost convenience or re-hydration can be accomplished directly inside the resealable shipping bag.

TUB METHOD (RE-HYDRATING THE PRETREATMENT SHEETS)

12" x 12" (30.5 cm x 30.5 cm) Sheet Size • 25 Sheets/Package

1. Use a container with a flat smooth bottom. The inside container dimensions should be at least 12.5" (32 cm) in length and width.
2. Open the sealed package of sheets at the precut notch. Place the desired number of sheets into the container.
Note: Reseal the package if all the sheets are not used.
3. Pour water directly on the stack of sheets.
 - For 25 sheets: 4 cups (1 L) of water
 - For 13 sheets: 2 cups (0.5 L) of water
 - For 7 sheets: 1 and 1/8 cups (0.25 L) of water (or 1 cup and 2 tablespoons)**Note:** Distilled water is preferred, but not required. *See page 3 for Tips & Tricks.
4. Seal the container with a water tight lid. **Note:** When using aluminum foil seal tightly ensuring that it does not touch the fluid or paper.
5. After 8 to 12 hours (using disposable gloves) unseal the container and flip the stack of sheets. The previous top sheets should now be on the bottom of the tub. Reseal the container.
6. Leave for an additional 8 to 12 hours. Using disposable gloves, flip the stack and reseal the container.
7. Ideally, flip the stack 2 hours before use. Minimum absorption time is 16 hours.



14" x 16" (35.5 cm x 40.6 cm) Sheet Size • 25 Sheets/Package

Use the same 7 steps used to rehydrate a 12" x 12" sheet, but utilize a larger container and the increased water amounts as listed below.

- For 25 sheets use 6 and 1/8 cups (1.5 L) of water (or 6 cups and 2 tablespoons)
- For 12 sheets use 3 cups (0.7 L) of water
- For 5 sheets use 1 and 1/4 cups (0.3 L) of water (or 1 cup and 4 tablespoons)

Note: We offer a 15" x 23" (38.1 cm x 58.4 cm) container. *See page 3 for Tips & Tricks.

BAG METHOD (RE-HYDRATING THE PRETREATMENT SHEETS)

12" x 12" (30.5 cm x 30.5 cm) Sheet Size • 25 Sheets/Package

1. Open sealed package of sheets at the precut notch.
2. Hold the bag open in a vertical position. Grip one side of the opening tightly with one hand and add water to the bag. You are adding approximately 2 lbs. (1 kg.) of liquid, so hold on tightly.
 - For 25 sheets use 4 cups (1 L) of water.**Note:** Distilled water is preferred, but not required.



BAG METHOD (RE-HYDRATING THE PRETREATMENT SHEETS - CONTINUED)

- Carefully fold over the top of the bag at about 90 degrees.
- Slowly lower the bag to a flat, horizontal position in the opposite direction of the folded opening. This will allow the water to evenly cover the sheets.
- Using one hand (keeping the folded top up and slightly), slowly move your other hand from the bottom of the bag towards the opening to removing any excess air. After the air is removed, seal the bag using the resealable closure.
- Mark and/or date the side of the bag that is facing up. This will identify the the original up-side for the remaining steps.
- Leave for 8 to 12 hours. Flip the bag over (marked side is now down).
- Leave for an additional 8 to 12 hours. Flip the bag over (marked side is now up).
- Ideally, flip the bag 2 hours prior to use. The minimum absorption time is 16 hours.



14" x 16" (35.5 cm x 40.6 cm) Sheet Size • 25 Sheets/Package

Use the same 7 steps used to rehydrate a 12" x 12" sheet, but utilize a larger container and the increased water amounts as listed below.

- For 25 sheets use 6 and 1/8 cups (1.5 L) of water (or 6 cups and 2 tablespoons) You are adding slightly more than 3 lbs. (1.4 kg) of liquid, so hold on tightly.

TIPS & TRICKS*

It is possible to PreTreat with the press at 350°F.

Just be sure to have one or two extra silicone pads so you can alternate them when they become too hot to handle.

You can re-hydrate any number of sheets.

Just divide the amount of water used for 1 package by the number of sheets you want to re-hydrate. Easy peasy!

NEENAH PERFORMANCE MATERIALS

For more information about Neenah Paper Heat Transfer Papers:

NeenahPerformance.com/Products/Heat-Transfer-Paper

North America: 800.344.5287

Outside North America: 906.387.2700

