

## **General Refill Guidelines**

**WHEN USING CUTTING OR DRILLING EQUIPMENT, WEAR SAFETY GOGGLES AND FOLLOW ALL OPERATING AND SAFETY INSTRUCTIONS. KEEP INK OUT OF REACH OF CHILDREN. MAY BE HARMFUL IF SWALLOWED. DO NOT INGEST. IN CASE OF INGESTION, SEEK IMMEDIATE MEDICAL ATTENTION. AVOID CONTACT WITH SKIN AND EYES.**

## **SAFETY INFORMATION AT [SUPPORT.STRATITEC.COM](http://SUPPORT.STRATITEC.COM).**

Successfully refilling ink cartridges may take some practice, but the process gets easier each time. It is extremely important that you read these refill guidelines and the instructions for your cartridge carefully to ensure desired results and avoid mishaps.

- . Refill cartridges in an area that is well-suited for the work.
  - . Ink can spill; place a large sheet of aluminum foil and/or a thick pile of newspaper on your work surface.
  - . Keep distractions to a minimum.
  - . Wear an apron or older clothes in case of a spill, as well as plastic gloves to protect your hands from ink stains.
  - . Clean up immediately with soap and water.
  - . Ink on hands or arms will wash off in a few days.
- Do not refill over carpeted areas or near fine furniture.
- . Syringe size and style may vary. Always use a syringe with a locking tip where specified.
  - . Always check to be sure that the needle or tip is securely attached to the syringe.
  - . Do not fill syringe with ink until you are ready to refill your cartridge.
  - . Unused ink may be returned to the appropriate ink bottle or stored in the syringe. Be sure to secure a rubber scabbard to each needle tip to prevent leaking or drying out.
  - . Label the syringe(s) to easily identify the ink color.
  - . Thoroughly rinse and dry needle and syringe when changing ink colors.
  - . Do not remove the bottle seals.
  - . Use a needle or the screw tool to create a small hole in the seal and draw ink through the hole in the seal.
  - . To avoid accidental spills, replace the bottle caps promptly.

## **Prepare a Work Area**

### **Prepare Ink and Syringes**

### **Do Not Remove Seals**

Old and/or dry cartridges may not work, even after refilling, priming and cleaning.

- . Refill your cartridges just before or immediately after they run out of ink.
- . Cartridges should not be stored outside of your printer for more than an hour unless required as part of the refill process.
- . Ink in the ink supply outlets or print heads will dry out in cartridges that are stored improperly, or allowed to remain empty for long periods of time, and refilling such cartridges may not be successful.
- . Color printers require special ink colors to produce high-quality prints.

Standard color printers require color blends known as cyan (blue/green), magenta (red/purple), and yellow.

. Many inkjet printers can use “photo” cartridges, which require two additional colors: “photo cyan” or light cyan and “photo magenta” or light magenta. Printers that require these additional photo cartridges are called “six-color” printers.

Photo cyan and photo magenta inks are only for six-color printers. They are not intended for use in standard four-color printers, even when printing photos. If photo cyan and/or photo magenta are used in a standard four-color printer, the color balance will be incorrect and the quality will be reduced.

Injecting the wrong color of ink into the ink chamber of a color cartridge will cause unfavorable results and may ruin your cartridge.

. Use care when refilling color cartridges. Always inject the correct color of ink into the correct ink chamber.

. To verify the color of ink contained in each chamber of the cartridge, insert a wooden toothpick into each refill hole, withdraw it, and then check the color of the toothpick.

Overfilled cartridges may leak and cause color contamination.

. Overfilled cartridges will not print. Use care to avoid overfilling!

. Use only enough ink to fill the cartridge.

. If you do overfill your cartridge, refer to the instructions for your cartridge and use a syringe to extract excess ink.

Never install a cartridge that is leaking, dripping, or oozing ink. Doing so may damage your printer.

## **Use Recently Emptied Cartridges**

### **Know The Colors**

#### **Photo Magenta**

(Light Magenta)

#### **Photo Cyan**

(Light Cyan)

#### **Yellow**

(Yellow)

#### **Magenta**

(Red/Pink)

#### **Cyan**

(Blue)

### **Use Colors Correctly**

### **Avoid overfilling**

## **74 and 75 Cartridge Instructions:**

1. Remove the label on the top of the cartridge. You will find 5 holes.
2. Stick a **separate** toothpick or an unbent paper clip into **each** hole you'd like to fill. See what color comes out to confirm proper ink filling. (You can also use the filling needle for this and simply wipe it on a white paper towel).

3. Keep the cartridge on paper towels and fill the cartridge with 6ml of the **correct color of ink which you determined in Step 2**. To fill the cartridge insert the needle fully into the hole. Get the tip of the needle to the bottom of the cartridge. Inject the ink very SLOWLY (too fast and the cartridge will not work, or will leak) and watch until the sponge is saturated. You must get the needle deep into the sponge.

**NOTE:** When full, the cartridge holds 15 ml of ink of each color. **We suggest refilling the cartridge with 6 to 10 ml of ink to avoid overfilling.** Don't overfill. (under filling is okay). **You can always refill the cartridge with more ink if it runs out.**

It is not necessary to reseal the holes.

4. **Suspend the cartridge** above paper **towels** for an 30 minutes to an hour as a drip precaution, **or** perhaps over a small cup. Expect a few drips **from the bottom of the cartridge**. Do not allow the cartridge **bottom** to touch the paper towel, plastic, foil or any other item at this point, since it will cause a siphon and draw out ink.

5. For best results, let sit overnight before using.

If you have a leak:

There are only 2 reasons to have a leak with this cartridge:

1. The cartridge has been overfilled. Remove some of the ink **using the syringe & needle** or let it sit **as indicated in Step 4 above** until it stabilizes **and stops leaking**.

2. The cartridge has been damaged severely on the bottom. This should be obvious. Throw away the cartridge and buy a new one. Refill the new one after it is empty.

## **74 Black Cartridge Instructions:**

1. Remove the label on the top of the cartridge.

2. You may fill through any of the following holes:

The single hole farthest from you.

-or-

Either of the two holes closest to you.

3. Keeping the cartridge on paper towels, take a syringe and fill it full of ink -- about 10 ml. When new, the cartridge holds 19 ml. (The 74XL holds more.) When full, the cartridge holds 19 ml. You can fill this once with 10ml and another time with about 7ml. But overfilling will cause leaking.

4. Insert the needle fully into the hole. Get the tip of the needle to the bottom of the cartridge. Inject the ink very SLOWLY and watch until the sponge is saturated. Make sure the needle is fully inserted into the cartridge.

Do not reseal the filling holes.

4. **Suspend the cartridge** above paper **towels** for an 30 minutes to an hour as a drip precaution, **or** perhaps over a small cup. Expect a few drips **from the bottom of the cartridge**. Do not allow the cartridge **bottom** to touch the paper towel, plastic, foil or any other item at this point, since it will cause a siphon and draw out ink.

5. For best results, let sit overnight before using.

See the leaking instructions about if you have a leak.