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Information for Your Reference:

Serial Number: _____

Purchase Date: _____

Dealer Name: _____

Dealer Phone: _____

1 SAFETY & COMFORT

Please read through this manual before setting up and using your printer.

1. Read all of these instructions and save them for future reference.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from its power source before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water.
5. Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage to the product.
6. Slots and openings on the cabinet are provided for ventilation. To ensure reliable operation of the product and to protect it from overheating, do not block or cover these openings. The openings should never be blocked by placing the product on a bed, sofa, rug or other cushioned surfaces. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. This product should be operated from the type of power source indicated on the marking label of the AC adaptor. If you are not sure of the type of power available, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be walked on.
9. If an extension cord is used with this product, make sure that the total of the ampere ratings on the products plugged into the extension cord do not exceed the extension cord ampere rating. Also, make sure that the total of all products plugged into the wall outlet does not exceed 15 amperes.
10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.

11. Except as explained elsewhere in this guide, do not attempt to service this product yourself. Opening and removing those covers that are marked "Do Not Remove" may expose you to dangerous voltage points or other risks. Refer all servicing on those compartments to service personnel.

12. Unplug this product from its power source and refer servicing to qualified service personnel under the following conditions:

A. When the power cord or plug is damaged or frayed.

B. If liquid has been spilled into the product.

C. If the product has been exposed to rain or water.

D. If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are mentioned in the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.

E. If the product has been dropped or the cabinet has been damaged.

F. If the product exhibits a distinct change in performance, indicating a need for service.

In recent years, medical attention on occupational injuries has identified common, seemingly harmless activities as potential causes of a wide range of problems collectively known as Repetitive Stress Injuries or Cumulative Trauma Disorders. It is now recognized that any repetitive motion may contribute to these health problems. Depending on how it is used, the prolonged or repetitive use of almost any machine might have a potential for discomfort or injury. As a user of this printer, you might also be at risk.

The most commonly accepted causes of this type of disorder are repeated, forceful actions, usually in an awkward position or posture, without sufficient rest to allow the body to recover. These repetitive actions may cause nerves, tendons, ligaments, and other soft body parts to become irritated and inflamed.

By paying attention to the way you perform your work, and do other activities, you can identify the behaviors that could put you at risk. The precautions outlined below are examples you can take to help reduce the likelihood of developing these problems and work more comfortably with your new printer. Keep in mind, however, that these are only suggestions. Comfort is personal and only you may be able to judge what works best for you.

- You may find that your body will be most comfortable and relaxed with the printer placed directly in front of you. The printer and your supplies should be within easy reach —avoid excessive stretching.
- The printer may be used in either a standing or seated position. If you are standing, make sure that the work surface height that the printer is on does not require you to bend over in a way that would strain your back or arms.
- If you are seated, adjust the height of your chair to your table so your body is naturally aligned and make sure you have adequate legroom. Stay relaxed and relatively upright. Don't force yourself into an uncomfortable position.
- Do not bend your wrists unnaturally during use.
- Don't stay in one position for too long. Try changing hands and varying your posture.
- Take breaks. Frequent short breaks are probably better than a few long ones.

Many factors go into creating a comfortable workspace, including proper placement and adjustment of furniture and equipment. A thorough work site analysis by a qualified expert is important in order to reduce the risk of repetitive motion injuries. If you experience pain, throbbing, aching, tingling, stiffness, a burning sensation, swelling, numbness, or weakness in your wrists, hands, arms or legs, see your physician immediately.

DO NOT IGNORE THESE WARNING SIGNS. Even if symptoms occur when you are not using the printer, they can be associated with painful and sometimes permanently disabling injuries or disorders of the nerves, muscles, tendons, or other parts of the body. These symptoms could mean that you are developing a repetitive stress injury that requires prompt medical attention. For more detailed information, consult your doctor.

II INTRODUCTION

Congratulations on the purchase of your new Fastback® Foilfast® P-21x printer. As with all our products, this Foilfast printer was carefully assembled and tested prior to packing. You will find it fast and easy to use.

The Foilfast printer lets you print up to seven colors of foil at one time, all registered accurately. The printer works with virutally all PC and Mac design programs.

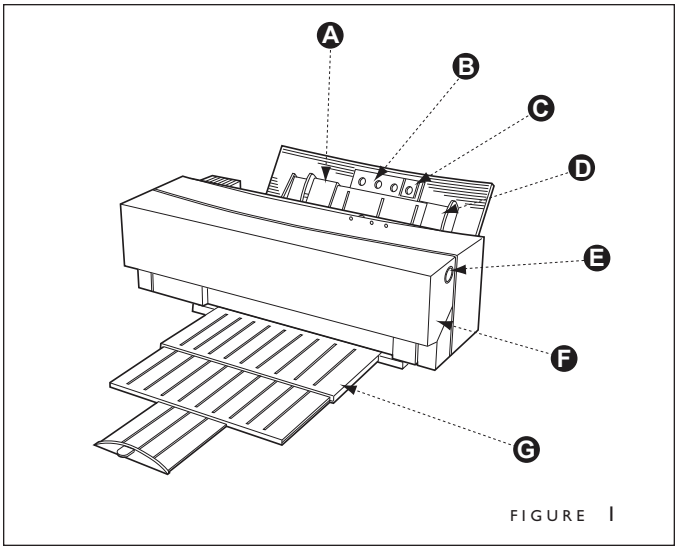

FIGURE 1

A Paper Feed Guide
B Paper Support
C Paper Stop
D Paper Feed
E Front Cover Release Button
F Front Cover
G Output Tray

The illustrations on the next two pages will help familiarize you with the Foilfast printer and its components. Please look them over carefully before proceeding.

TIP: For best results, use Comp Covers and Clear Covers for tape-bound documents, and Foilfast Title sheets for Fastback Hardcover books. These materials will produce the optimal results with your Foilfast printer.

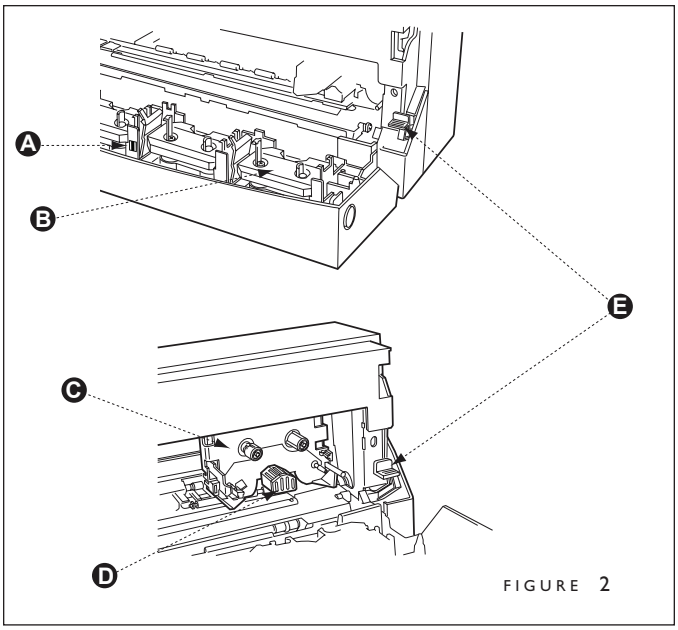

FIGURE 2

A Marking Sticker
B Cartridge Holder Plate
C Carriage
D Print Head
E Release Lever

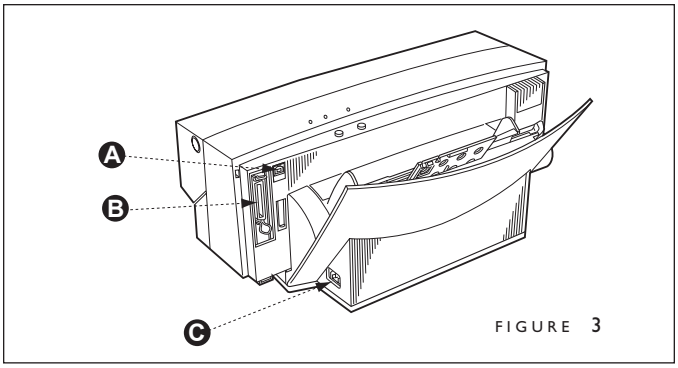

FIGURE 3

A USB port
B Parallel Port
C Power Cord Socket

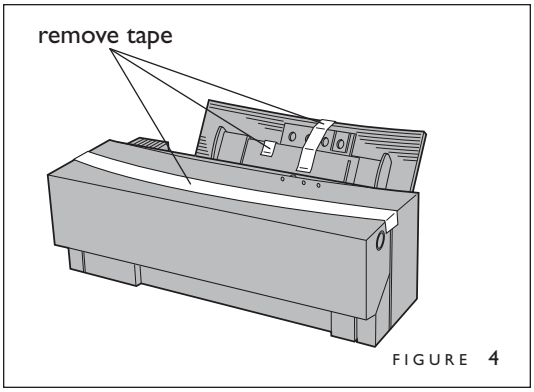

FIGURE 4

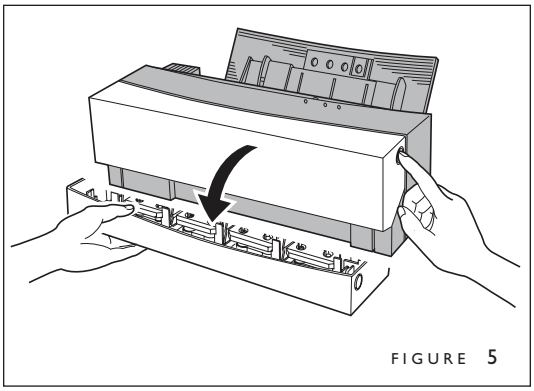
FIGURE 5

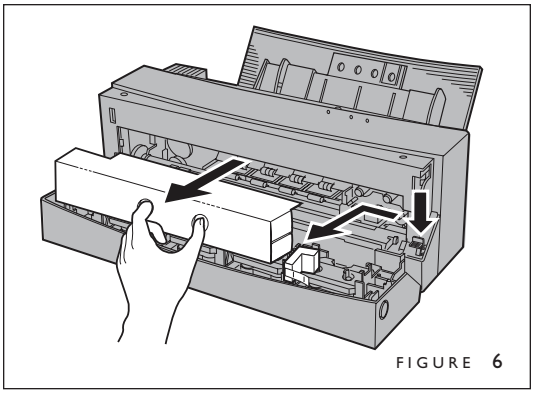
FIGURE 6

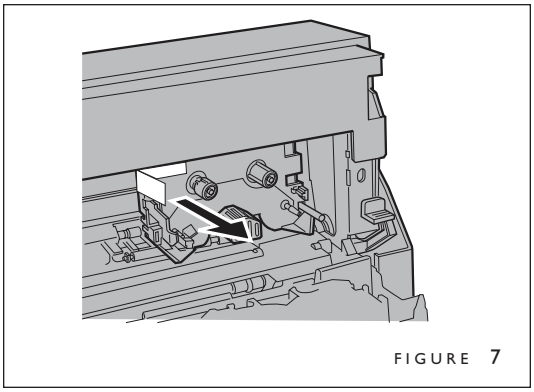
FIGURE 7

A. What's Included Inside the Box

Fastback P21x Printer
Printer output tray
Accessory box, which contains:
- User's manual
- Printer Installation CD
- Sample covers
- Power cord

If any of the preceding items are damaged or missing, contact your dealer immediately.

B. Setting Up Printer

Please remove the tape (three locations) from the printer cover before going to the next step (Figure 4).

Carefully open the front cover of the printer (Figure 5).

1. Remove the cardboard carriage packing material that is to the left of the carriage (Figure 6).
2. Press down on the blue paper release lever located to the right of the carriage. Remove the tape from the metal frame that holds the small white foam carriage packing material in place and remove the foam piece (Figure 6).
3. Remove the tape located on the left side of the carriage by gently grasping the tape and pulling slightly toward the left and forward at the same time (Figure 7).

Close the front cover after removing the carriage packing material.

Place the printer on the output tray (Figure 8). Tray may be pushed out of the way under the printer when the printer is not in use.

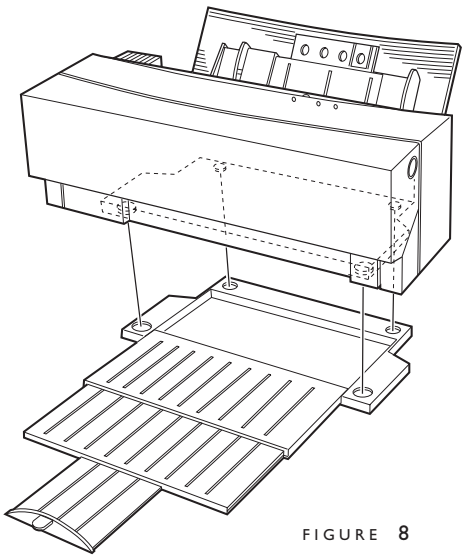
FIGURE 8

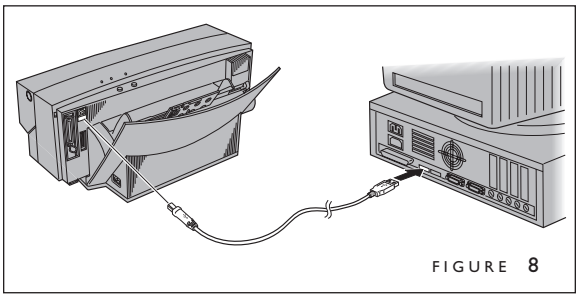

FIGURE 8

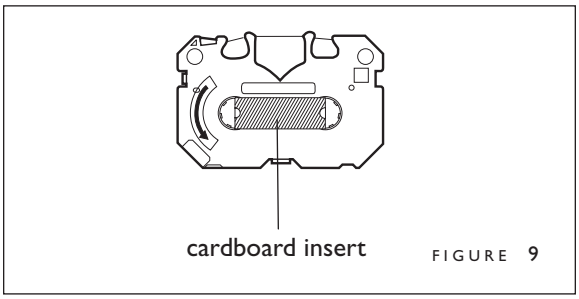

FIGURE 9

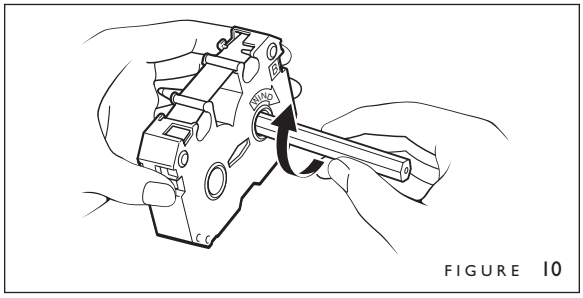

FIGURE 10

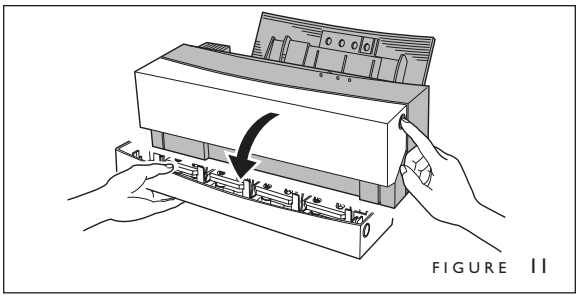

FIGURE 11

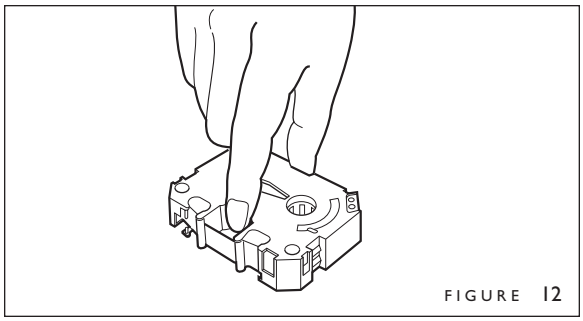

FIGURE 12

C. Connecting USB Cables

1. Make sure that the power to your computer is completely turned off. If the computer is running, quit all running applications, shut down the system, and turn off the power.
2. The Type 'B' plug END (the smaller, square plug) is inserted into the USB socket at the rear of the printer.
3. The Type 'A' plug (the flat rectangular plug) is inserted into the USB socket on the computer (Figure 8).

NOTE: The placement of the USB port varies from computer to computer. Please check your original computer manual to verify the location of the USB plug on your computer.

D. Installing Foil Cartridges

1. Remove the cardboard insert from the cartridge (Figure 9)

2. Insert a pencil into the side marked "B". Turn the pencil slowly to take up any slack in the foil (Figure 10).

3. Open the front cover of the printer (Figure 11).

4. Insert the cartridges.

• Hold the cartridge so that the side with the letter "B" faces upward, and the "B" is on the upper right of the cartridge. Hold the center of the cartridge with your thumb and index finger (Figure 12).

• Insert the left end of the cartridge, while pushing the left side latch of the cartridge holder slightly to the left with the cartridge (Figure 13).

• Push down the right side of the cartridge. Make sure that the cartridge is securely locked into the holder, and that there is no slack in the foil (Figure 14).

• Put the second cartridge on top of the cartridge already installed. Gently push down the center of the cartridge.

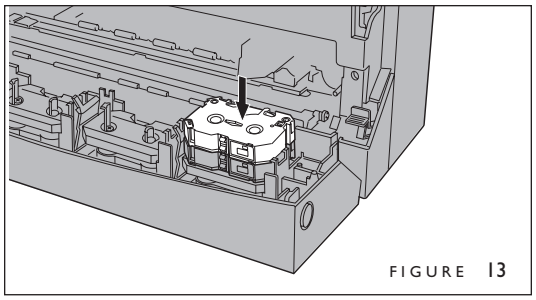

FIGURE 13

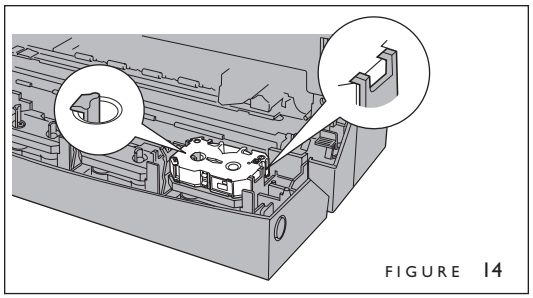

FIGURE 14

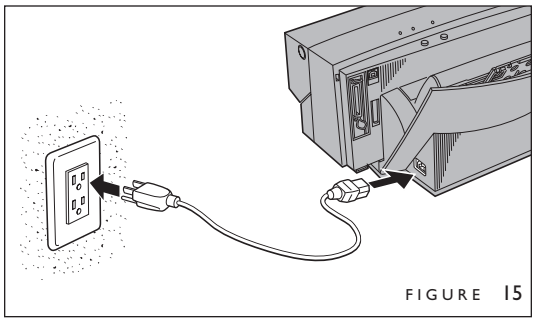

FIGURE 15

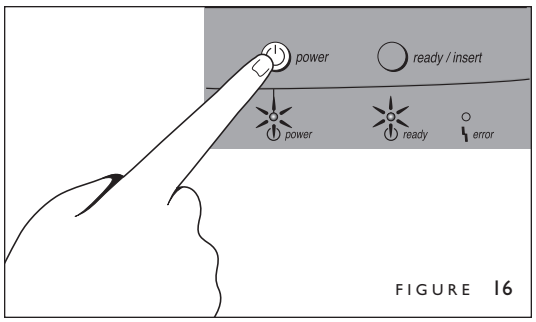

FIGURE 16

E. Connect Power Cord

Attach the power cord to the printer, and plug into a wall outlet. (Figure 15)

F. Ready To Go

Turn the power switch on by pressing the power switch (Figure 16). Now the machine is ready to install the printing software.

TIP: Power to the printer is completely cut off only when the cord is unplugged. Place the printer where you can easily unplug it from the power source. Also, pull the plug and not the cord when unplugging the printer.

IV INSTALLING PRINTER SOFTWARE (Windows)

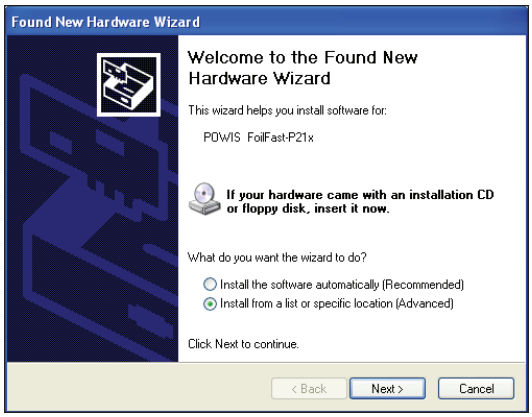

FIGURE 17

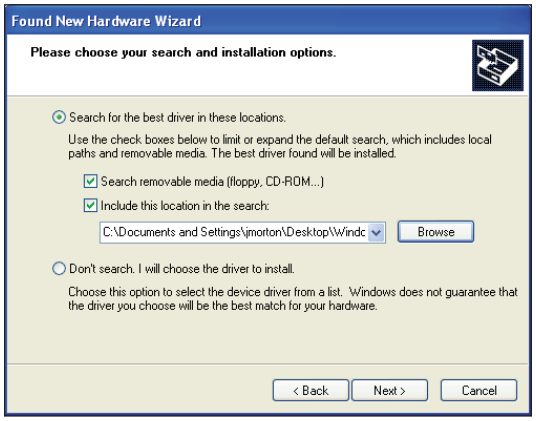

FIGURE 18

FIGURE 19

IMPORTANT: All previously installed Foilfast software must be removed before installing new Foilfast software. Please make sure that you have uninstalled all old Foilfast software before continuing.

1. Turn printer on (Figure 16).

The "Found New Hardware Wizard screen appears (Figure 17).

NOTE: If you did not receive a disk with your printer, you can obtain the software from the Powis website (http://www.powis.com/software).

2. Click on 'Install from a list of specific location' and click 'Next.'

The Hardware Wizard will ask you to locate your installation software (Figure 18).

3. Click 'Browse' and locate your software, or insert you installation CD into the computer. When you have located the folder that contains the installation software, the 'OK' button will become available. If you are not in a folder or subdirectory that contains the installation software, the 'OK' button will remain grayed-out (Figure 19).

4. Click 'OK.'

The Hardware Wizard will now show the location of the software in the window labeled "Include this location in the search." Make sure that the box above this selection is checked (Figure 18).

5. Click 'Next."

The program searches for the new software (Figure 20).

6. At this point, a screen warning that that the software you are about to install has not passed Windows Logo testing (Figure 21). If this window appears, click 'Continue Anyway.'

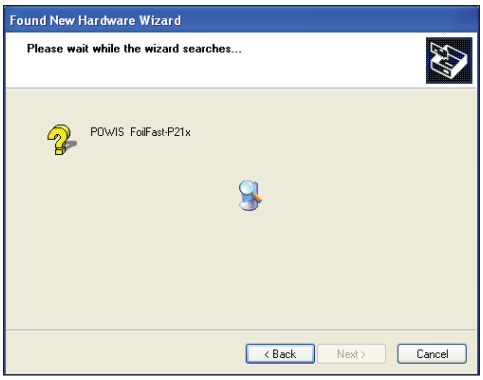

FIGURE 20

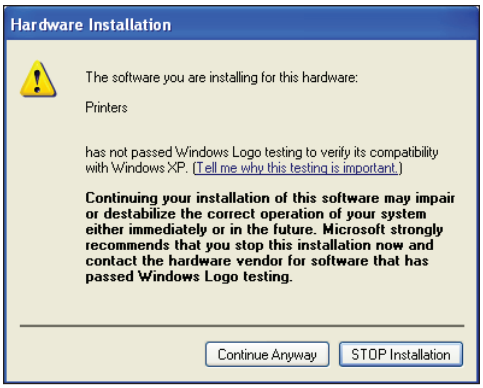

FIGURE 21

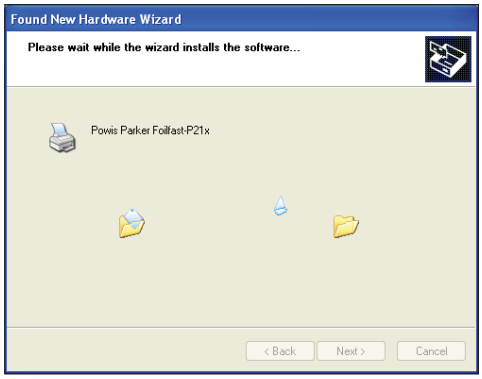

FIGURE 22

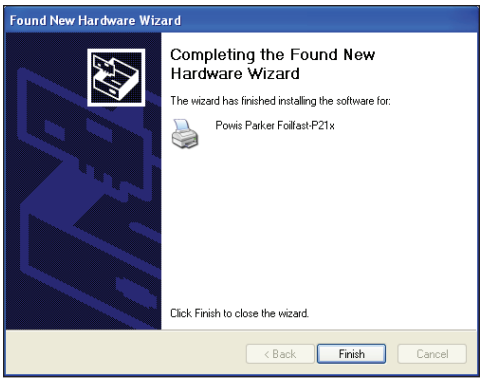

FIGURE 23

The Hardware Wizard should now install the software to your computer (Figure 22).

7. The Hardware Wizard will notify you when it has finished installing the printer software (Figure 23). Click 'Finish.'

Your printer is now ready to use. If, for any reason, your installation was not successful, remove all components of the Foilfast software from your computer and try again. See Troubleshooting for more information or contact Powis Tech Support.

IV INSTALLING PRINTER SOFTWARE (Mac OSX)

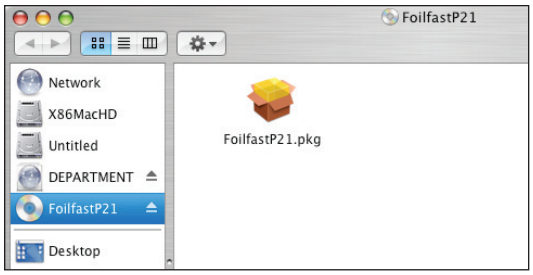

FIGURE 25

FIGURE 26

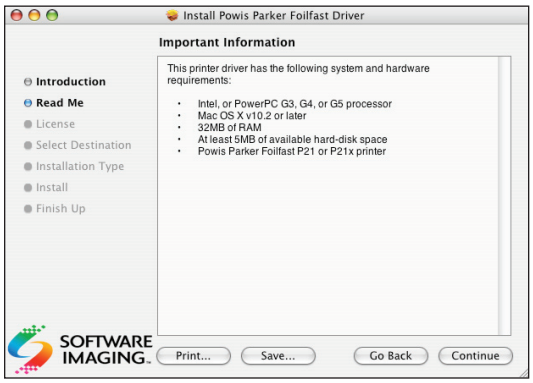

FIGURE 27

FIGURE 28

Installing the Foilfast P21x on the Mac is a two part process. First, you must install the printer software, and then use the Printer Setup Utility to add the Foilfast to the System's available printer list.

To access the printer installation software, insert the Software Installation CD in your CD drive and open the folder titled "OSX," or download the software from the Powis website (http://www.powis.com/software).

A. INSTALLING PRINTER SOFTWARE

1. Double click on the the disk image file (FoilfastP21.dmg).

This will install an image disk on your desktop.

2. Open the image disk and double click on the file titled "FoilfastP21.pkg" (Figure 25)

The Introduction dialog box appears (Figure 26).

3. Click 'Continue.'

The Read Me dialog box appears (Figure 27). You may print or save this information as a text file by clicking the appropriate buttons.

4. Click 'Continue.'

The Software License Agreement dialog box appears (Figure 28). You may print the agreement by clicking the 'Print' button, or save it as a text file by clicking the 'Save' button.

5. Click 'Continue.'

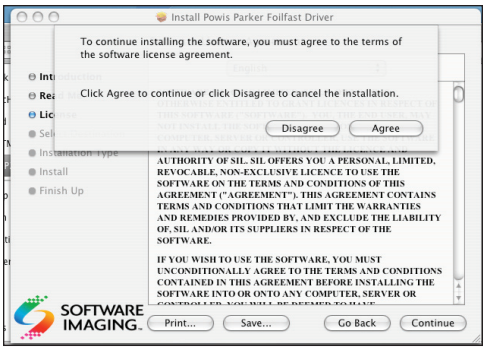

FIGURE 29

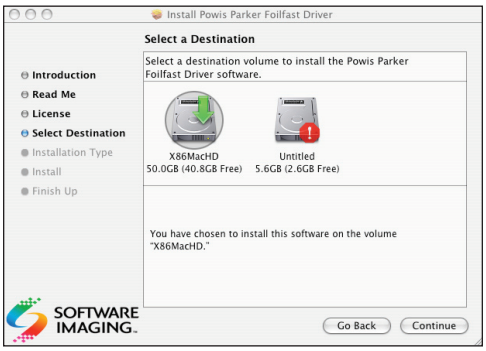

FIGURE 30

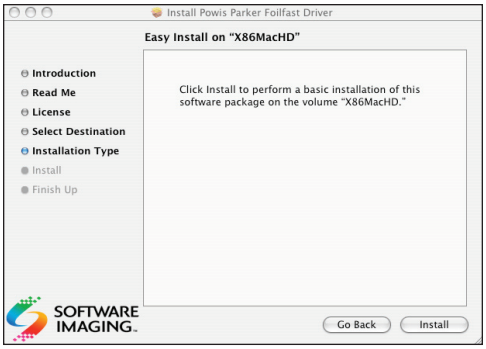

FIGURE 31

FIGURE 32

A dialog box appears asking you to verify that you agree with the terms of the Software License Agreement (Figure 29). If you do not agree with the terms of the Software License Agreement, click Disagree' and exit the installation program. Otherwise, click 'Agree.'

A dialog box showing the hard drives that are available for installation (Figure 30).

6. Click on the drive that you want the printer software installed on. For best results, always install the printer on the same drive as your System. The chosen drive appears with a green arrow. Click 'Continue.'

The Easy Install dialog box appears (Figure 31).

7. Click 'Install.'

The software will take a few minutes to install. After it is finished installing, a dialog box will open to indicate that the software was successfully installed (Figure 32).

8. Click 'Close.'

You may now drag the disk image to the Trash to eliminate it.

This finishes the software installation, now you must use Printer Setup Utility to add the Foilfast printer to your computer's available printer list.

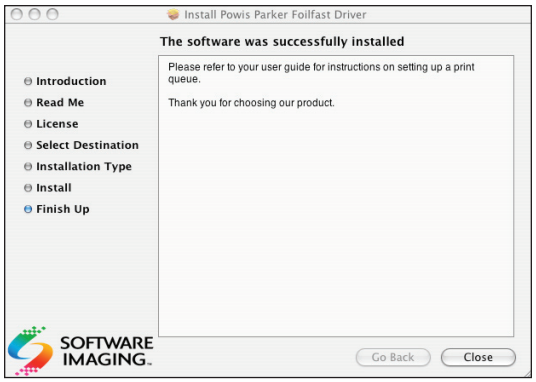

FIGURE 32

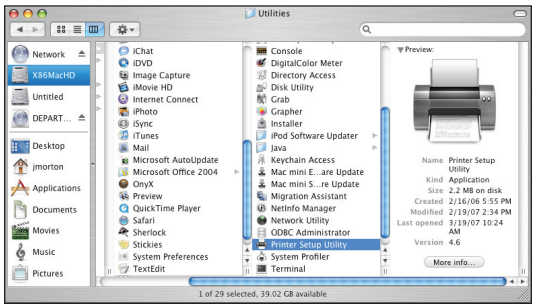

FIGURE 33

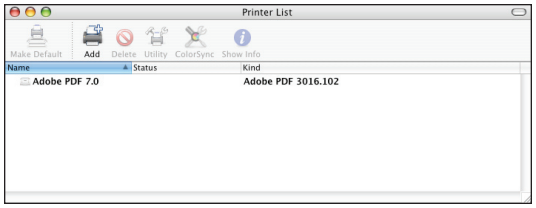

FIGURE 34

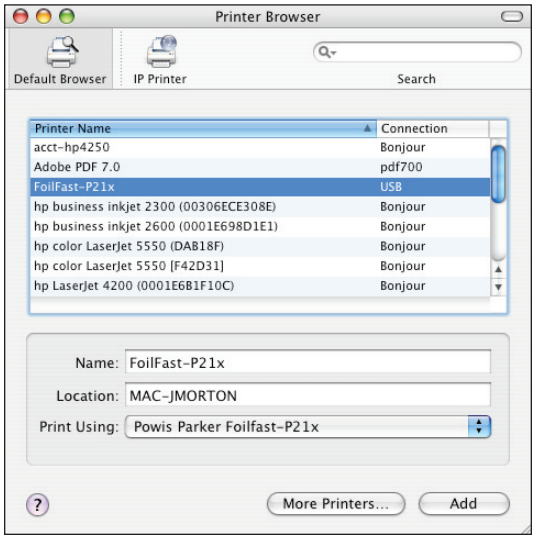

FIGURE 35

B. PRINTER SETUP UTILITY

1. Locate the Apple Printer Setup Utility and double-click on it (Figure 33).

The Available Printer List appears (Figure 34).

NOTE: The default location for the Printer Setup Utility in OSX is the Utilities folder in Applications.

2. Click the 'Add' button.

The list of available printers appears (Figure 35).

3. Locate the Foilfast printer on the list and click 'Add.'

Your printer is now ready to use. If, for any reason, your installation was not successful, remove all components of the Foilfast software from your computer and try again. See Troubleshooting for more information or contact Powis Tech Support.

V ABOUT FOIL PRINTING

The Foilfast printer is designed to work with virtually any graphics program that you might use on a Mac or a PC. The printer automatically interprets the colors used in your artwork and converts them to one of the seven available colors of foil. Medium grays are interpreted as silver, and light grays are interpreted as white.

Foilfast foil cartridges are available in seven colors (red, green, blue, silver, gold, white, and black). You may load up to seven colors into the Foilfast printer at the same time, or you may load just a single color.

Additionally, there is a Foil Primer cartridge. The Foil Primer cartridge is used to print on surfaces that normally would not accept the foil, such as Clear Cover and Suede Foilfast Title sheets.

Single Ink (one foil color)

This print mode allows you to print a document in monochrome using one cartridge. It does not matter which color, or colors, you use in your artwork, all colors will print in the chosen color.

TIP: If you are printing in gold foil only, you do not need to make your art yellow. Create your artwork in black. This will make it easier to read and adjust.

Multiple Inks (2 or more colors)

This print mode allows you to print a document in multiple colors. The colors you use are automatically assigned to the closest color space, this includes spot colors such as Pantone colors. You can use up to seven colors on Comp Cover and six colors on Clear Cover.

To print with the white foil, you must have some light tone assigned to an object. If an object is assigned 0% value in all colors, it will not print with any of the foils, whereas a 1% value in any color will print as white. We recommend using 1%–5% black for white values, and 50% black for silver values. 100% black will print with black foil.

TIP: Avoid colors that have no foil cartridge equivalent, such as purple or orange. These may not print in the color you desire.

Undercoat (Foil Primer)

The Undercoat feature of the Foilfast printer is designed to let you print on surfaces that normally would not accept the foil, such as Clear Cover and Suede Foilfast Title sheets. Undercoat uses the Foil Primer cartridge. Unlike the other foil cartridge, the Foil Primer is listed in the multiple inks menu, but is chosen by checking the Undercoat button in the Properties dialog box (see Foilfast printing-Chapter x for more information). Undercoat can also be assigned when you are using a single color of foil. Some of the presets in the Properties window are preassigned for Undercoat Printing

NOTE: If you are using the Foil Primer cartridge to apply and undercoat to the sheet you are printing, you can only use six colors at a time.

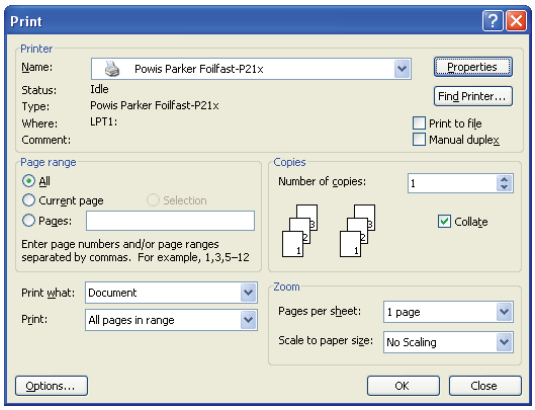

FIGURE 35

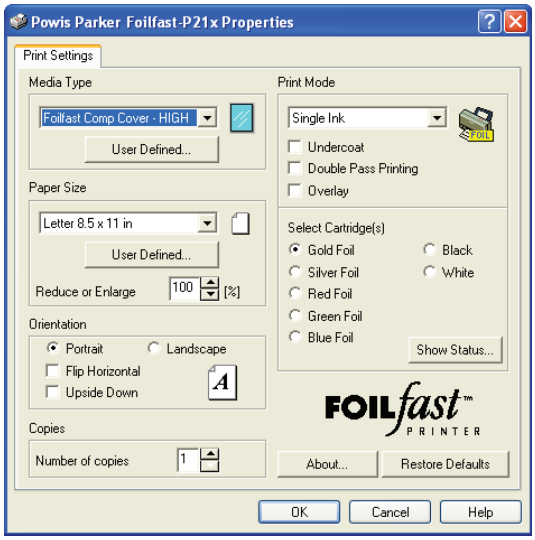

FIGURE 36

A. SINGLE COLOR PRINTING

IMPORTANT: The printing procedures for Adobe programs (Illustrator, InDesign, etc.) are slightly different from the printing procedures for non-Adobe programs. Because of the common use of Adobe Illustrator with the Foilfast, both sets of procedures are given here.

NOTE: When printing in single color mode, the colors that appear in you artwork do not matter. All artwork will print in the chosen foil color. If, for instance, you have created your artwork in black, but you choose red foil to print, all artwork will appear in red instead of black. If you have used more than one color in your artwork, all colors will print in the specified color when single color printing is chosen.

1. Choose Print from File menu.

The main Print dialog box appears (Figure 35).

2. In the Printer Name selection menu, choose the Foilfast printer and click 'Properties.'

The Properties dialog box appears (Figure 36). Verify that "Foilfast Comp Cover-HIGH" is selected in the Media Type box, and that "Single Ink" is chosen in the Print Mode. For Comp covers printing in single color Gold foil, the default settings should need no adjustment. If you are printing in a color other than Gold, Click on the button next to the desired color under 'Select Cartridge(s).' For more information on the choices in this dialog box, see *About Printing Properties*, Chapter VII.

3. Click 'OK.'

The Print dialog box appears (Figure 35).

4. Verify that the paper size matches the setting in the Properties dialog box. Adjust the number of copies as required.

5. Load paper into the paper feed.

NOTE: If you are using Comp cover, you may load up to ten sheets at a time in the paper feed. Clear Cover and Fastback Title sheets should be loaded one at a time to avoid jamming.

6. Click 'Print.'

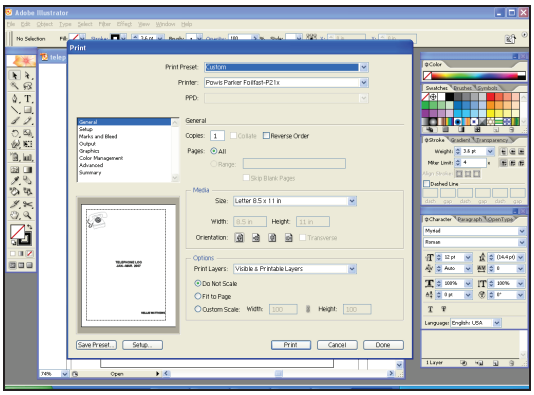

FIGURE 37

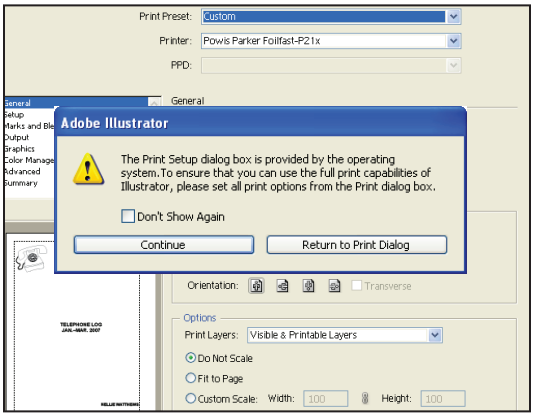

FIGURE 38

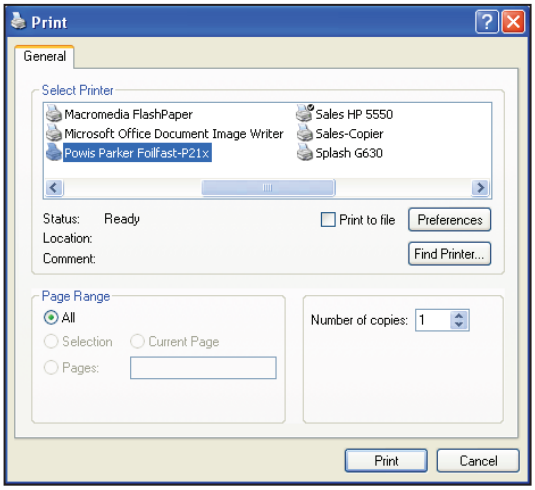

FIGURE 39

B. SINGLE COLOR PRINTING (Adobe)

NOTE: When printing in single color mode, the colors that appear in you artwork do not matter. All artwork will print in the chosen foil color. If, for instance, you have created your artwork in black, but you choose red foil to print, all artwork will appear in red instead of black.

1. Choose Print from File menu.

The main Print dialog box appears (Figure 37).

2. Choose the Foilfast Printer in Printer selection menu and click 'Setup.'

A warning appears asking if you want to continue or return to the Print dialog box (Figure 38).

3. Click 'Continue.'

The Print Setup dialog box appears (Figure 39).

4. Click 'Preferences.'

The Print Preferences dialog box appears (Figure 40). Verify that "Foilfast Comp Cover-HIGH" is selected in the Media Type box, and that "Single Ink" is chosen in the Print Mode. For Comp covers printing in single color Gold foil, the default settings should need no adjustment. If you are printing in a color other than Gold, Click on the button next to the desired color under 'Select Cartridge(s).' For more information on the choices in this dialog box, see *About Printing Properties*, Chapter VII.

5. Click 'OK.'

The Print Setup dialog box appears (Figure 39).

6. Click 'Print.'

The Print dialog box appears (Figure 37).

7. Verify that the paper size matches the setting in the Printing Preferences dialog box. Adjust the number of copies as required.

8. Load paper into the paper feed.

NOTE: If you are using Comp cover, you may load up to ten sheets at a time in the paper feed. Clear Cover and Fastback Title sheets should be loaded one at a time to avoid jamming.

9. Click 'Print.'

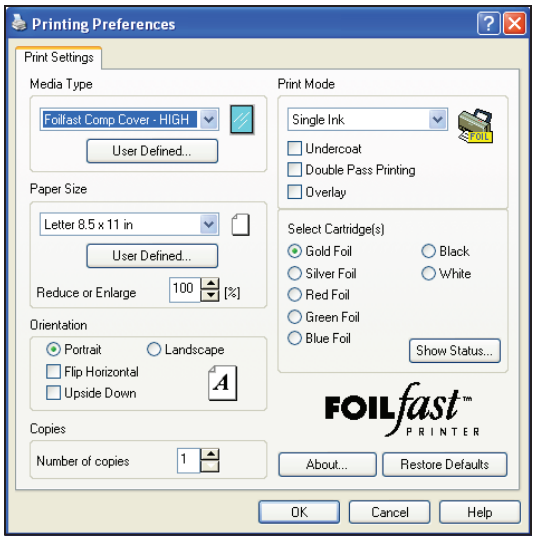

FIGURE 40

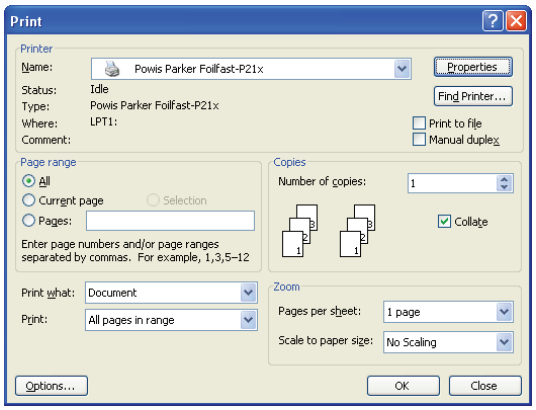

FIGURE 41

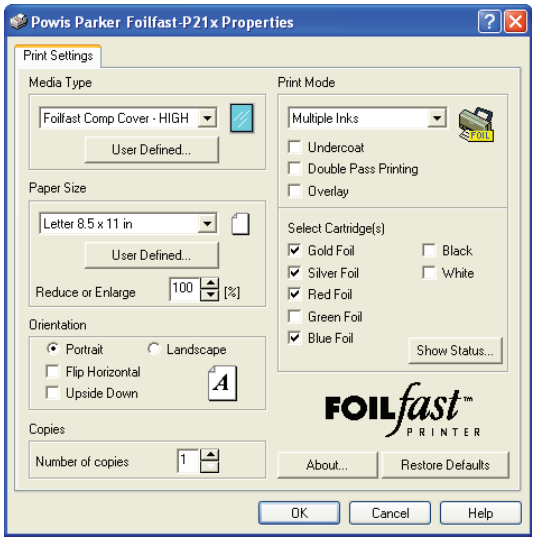

FIGURE 42

C. MULTIPLE COLOR PRINTING

1. Choose Print from File menu.

The main Print dialog box appears (Figure 41).

2. In the Printer Name selection menu, choose the Foilfast printer and click 'Properties.'

The Print Properties dialog box appears (Figure 42). Verify that "Foilfast Comp Cover-HIGH" is selected in the Media Type box.

3. Select "Multiple Colors" in the Print Mode.

4. Click on the buttons next to the desired colors under 'Select Cartridge(s)' (Figure 42).

5. Click 'OK.'

The Print dialog box appears (Figure 41).

6. Verify that the paper size matches the setting in the Printing Preferences dialog box. Adjust the number of copies as required.

7. Load paper into the paper feed.

NOTE: If you are using Comp cover, you may load up to ten sheets at a time in the paper feed. Clear Cover and Fastback Title sheets should be loaded one at a time to avoid jamming.

8. Click 'Print.'

For more information on the choices in the Properties dialog box, see *About Printing Properties*, Chapter VII.

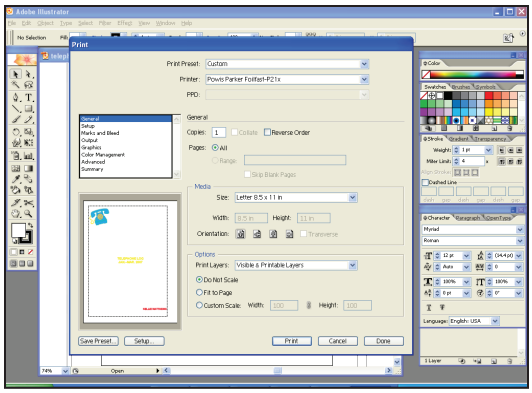

FIGURE 43

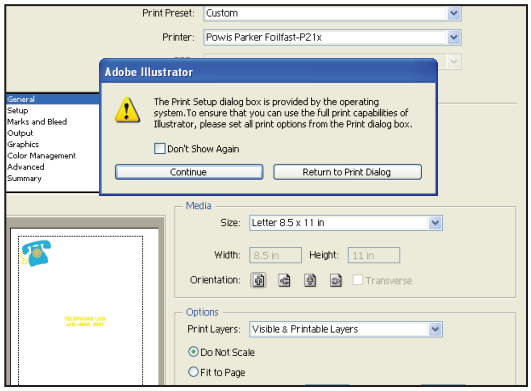

FIGURE 44

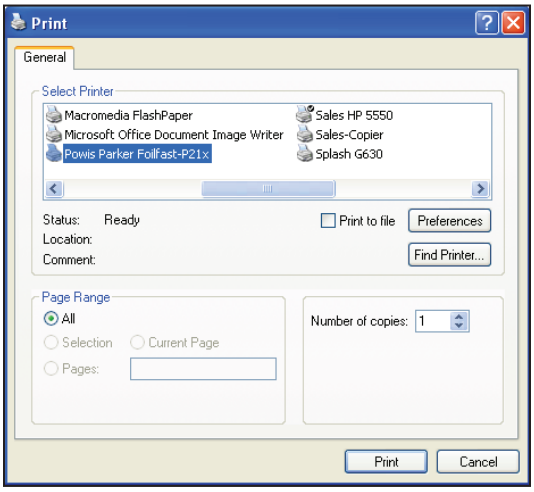

FIGURE 45

D. MULTIPLE COLOR PRINTING (Adobe)

1. Choose Print from File menu.

The main Print dialog box appears (Figure 43).

2. Choose the Foilfast Printer in Printer selection menu and click 'Setup.'

A dialog box will appear asking if you want to continue or return to the Print dialog box (Figure 44).

3. Click 'Continue.'

The Print Setup dialog box appears (Figure 45).

4. Click 'Preferences.'

The Print Preferences dialog box appears (Figure 46). Verify that "Foilfast Comp Cover-HIGH" is selected in the Media Type box.

5. Select "Multiple Colors" in the Print Mode.

6. Click on the buttons next to the desired colors under 'Select Cartridge(s)' (Figure 46).

5. Click 'OK.'

The Print Setup dialog box appears (Figure 45).

6. Click 'Print.'

The Print dialog box appears (Figure 43).

7. Verify that the paper size matches the setting in the Printing Preferences dialog box. Adjust the number of copies as required.

8. Load paper into the paper feed.

NOTE: If you are using Comp cover, you may load up to ten sheets at a time in the paper feed. Clear Cover and Fastback Title sheets should be loaded one at a time to avoid jamming.

9. Click 'Print.'

For more information on the choices in the Properties dialog box, see *About Printing Properties*, Chapter VII.

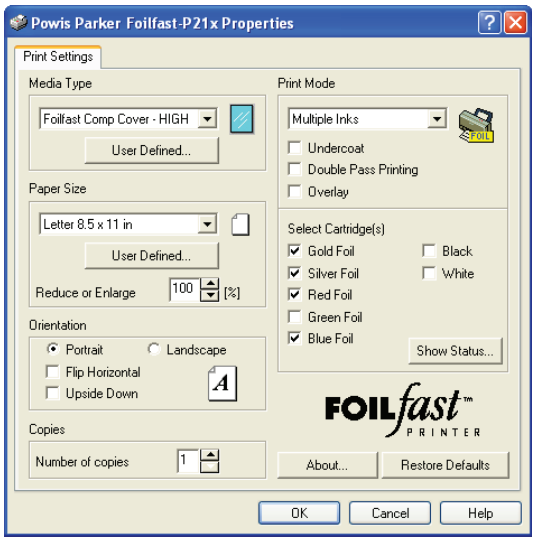

FIGURE 46

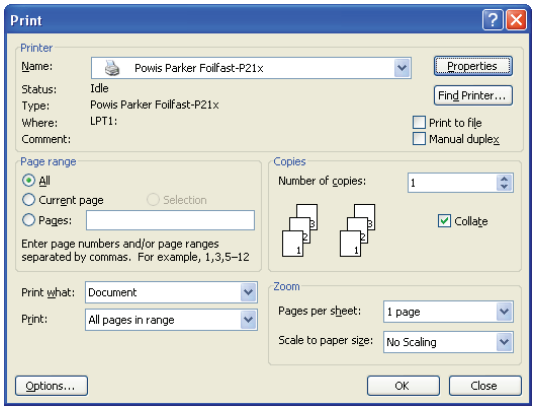

FIGURE 47

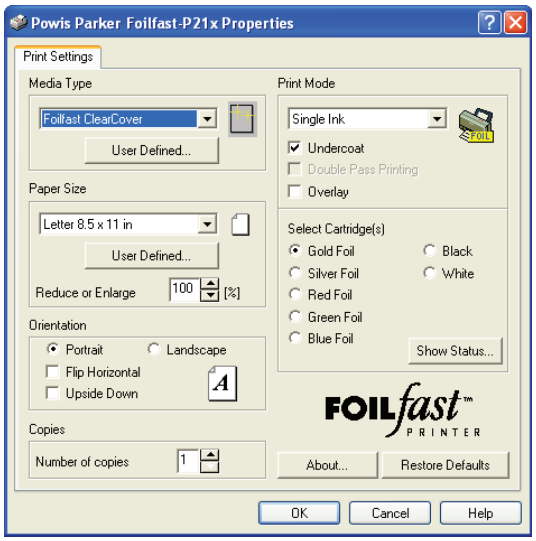

FIGURE 48

A. SINGLE COLOR PRINTING

IMPORTANT: The printing procedures for Adobe programs (Illustrator, InDesign, etc.) are slightly different from the printing procedures for non-Adobe programs. Because of the common use of Adobe Illustrator with the Foilfast, both sets of procedures are given here.

NOTE: When printing in single color mode, the colors that appear in you artwork do not matter. All artwork will print in the chosen foil color. If, for instance, you have created your artwork in black, but you choose red foil to print, all artwork will appear in red instead of black. If you have used more than one color in your artwork, all colors will print in the specified color when single color printing is chosen.

1. Choose Print from File menu.

The main Print dialog box appears (Figure 47).

2. In the Printer Name selection menu, choose the Foilfast printer and click 'Properties.'

The Properties dialog box appears (Figure 48). Verify that "Foilfast ClearCover" is selected in the Media Type box, and that "Single Ink" is chosen in the Print Mode. For Comp covers printing in single color Gold foil, the default settings should need no adjustment.

Note that when "Foilfast ClearCover" is chosen, 'Undercoat' is automatically checked. Do not uncheck this selection when printing on Clear Cover. Make sure that the Foil Primer cartridge is loaded into the Foilfast printer before proceeding.

If you are printing in a color other than Gold, Click on the button next to the desired color under 'Select Cartridge(s).' For more information on the choices in this dialog box, see *About Printing Properties*, Chapter VII.

3. Click 'OK.'

The Print dialog box appears (Figure 47).

4. Verify that the paper size matches the setting in the Properties dialog box. Adjust the number of copies as required.

5. Load paper into the paper feed.

NOTE: Clear Cover should be loaded one at a time to avoid jamming.

6. Click 'Print.'

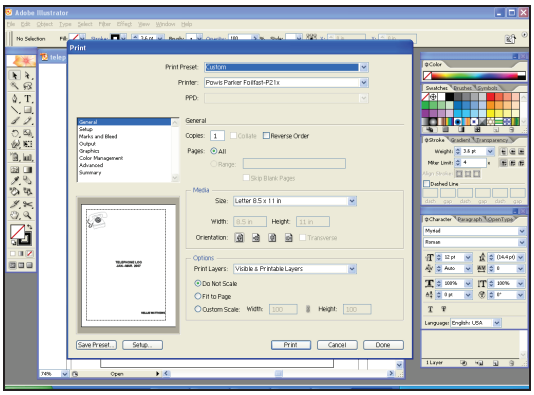

FIGURE 49

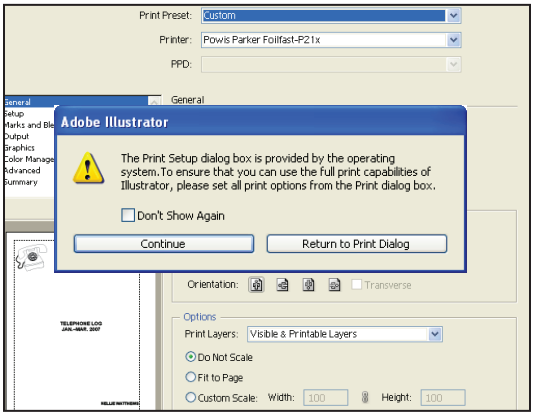

FIGURE 50

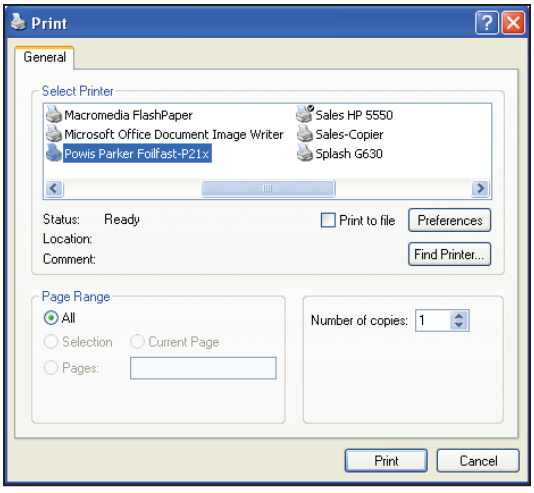

FIGURE 51

B. SINGLE COLOR PRINTING (Adobe)

NOTE: When printing in single color mode, the colors that appear in you artwork do not matter. All artwork will print in the chosen foil color. If, for instance, you have created your artwork in black, but you choose red foil to print, all artwork will appear in red instead of black.

1. Choose Print from File menu.

The main Print dialog box appears (Figure 49).

2. Choose the Foilfast Printer in Printer selection menu and click 'Setup.'

A warning appears asking if you want to continue or return to the Print dialog box (Figure 50).

3. Click 'Continue.'

The Print Setup dialog box appears (Figure 51).

4. Click 'Preferences.'

The Print Preferences dialog box appears (Figure 52). Verify that "Foilfast ClearCover" is selected in the Media Type box, and that "Single Ink" is chosen in the Print Mode. For Comp covers printing in single color Gold foil, the default settings should need no adjustment.

Note that when ClearCover is chosen, 'Undercoat' is automatically checked. Do not uncheck this selection when printing on Clear Cover. Make sure that the Foil Primer cartridge is loaded into the Foilfast printer before proceeding.

If you are printing in a color other than Gold, Click on the button next to the desired color under 'Select Cartridge(s).' For more information on the choices in this dialog box, see *About Printing Properties*, Chapter VII.

5. Click 'OK.'

The Print Setup dialog box appears (Figure 51).

6. Click 'Print.'

The Print dialog box appears (Figure 46).

7. Verify that the paper size matches the setting in the Printing Preferences dialog box. Adjust the number of copies as required.

8. Load paper into the paper feed.

NOTE: Clear Cover and Fastback Title sheets should be loaded one at a time to avoid jamming.

9. Click 'Print.'

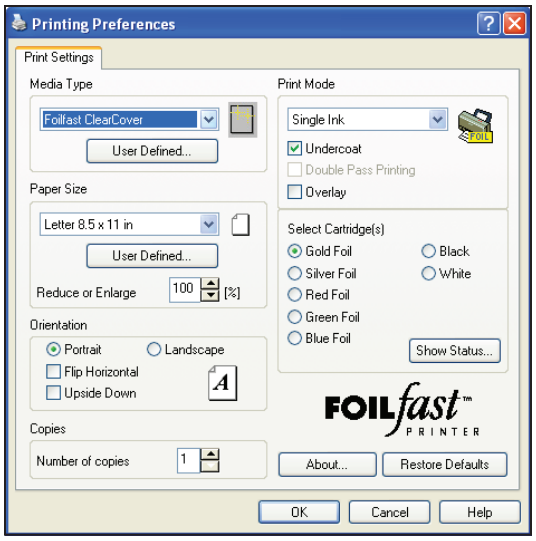

FIGURE 52

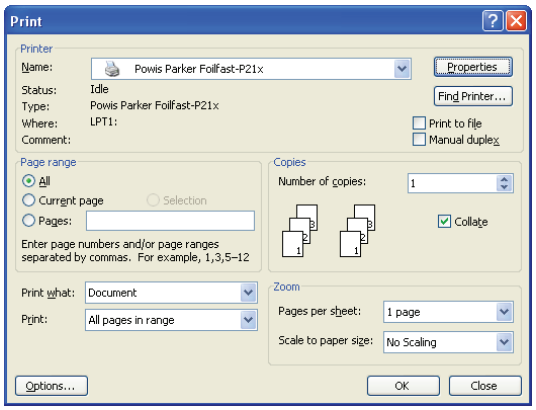

FIGURE 53

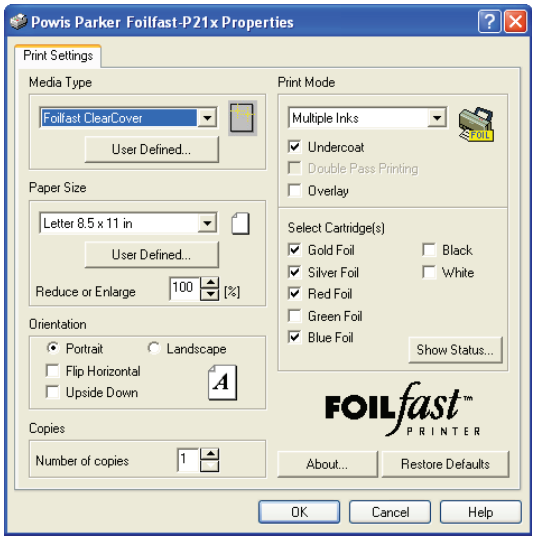

FIGURE 54

C. MULTIPLE COLOR PRINTING

1. Choose Print from File menu.

The main Print dialog box appears (Figure 53).

2. In the Printer Name selection menu, choose the Foilfast printer and click 'Properties.'

The Print Properties dialog box appears (Figure 54). Verify that "Foilfast ClearCover" is selected in the Media Type box.

Note that when "Foilfast ClearCover" is chosen, 'Undercoat' is automatically checked. Do not uncheck this selection when printing on Clear Cover. Make sure that the Foil Primer cartridge is loaded into the Foilfast printer before proceeding.

3. Select "Multiple Colors" in the Print Mode.

4. Click on the buttons next to the desired colors under 'Select Cartridge(s)' (Figure 54).

5. Click 'OK.'

The Print dialog box appears (Figure 53).

6. Verify that the paper size matches the setting in the Printing Preferences dialog box. Adjust the number of copies as required.

7. Load paper into the paper feed.

NOTE: If you are using Comp cover, you may load up to ten sheets at a time in the paper feed. Clear Cover and Fastback Title sheets should be loaded one at a time to avoid jamming.

8. Click 'Print.'

For more information on the choices in the Properties dialog box, see *About Printing Properties*, Chapter VII.

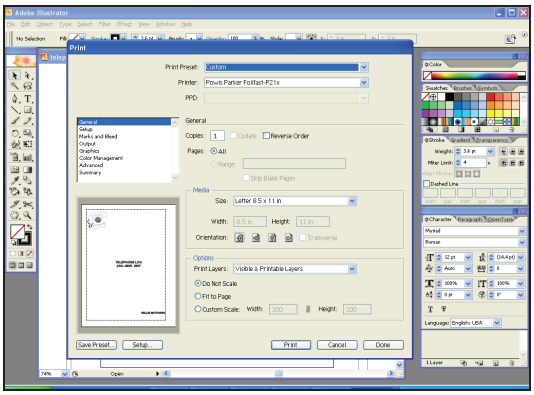

FIGURE 55

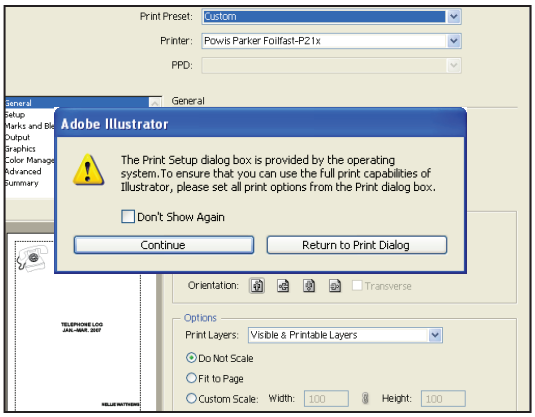

FIGURE 56

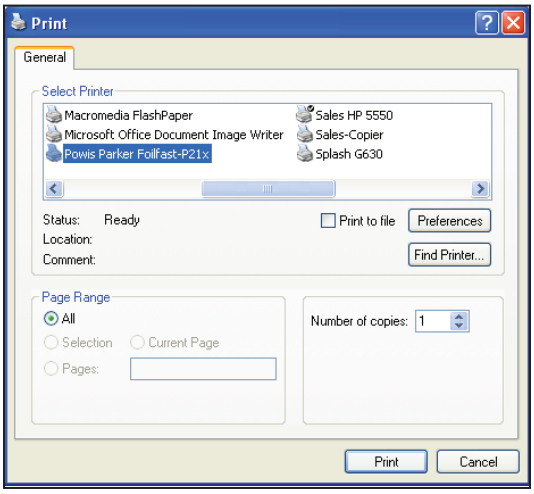

FIGURE 57

D. MULTIPLE COLOR PRINTING (Adobe)

1. Choose Print from File menu.

The main Print dialog box appears (Figure 55).

2. Click 'Setup.'

A dialog box will appear asking if you want to continue or return to the Print dialog box (Figure 56).

3. Click 'Continue.'

The Print Setup dialog box appears (Figure 57).

4. Click 'Preferences.'

The Print Preferences dialog box appears (Figure 58). Verify that "Foilfast ClearCover" is selected in the Media Type box, and that "Single Ink" is chosen in the Print Mode. For Comp covers printing in single color Gold foil, the default settings should need no adjustment.

Note that when "Foilfast ClearCover" is chosen, 'Undercoat' is automatically checked. Do not uncheck this selection when printing on Clear Cover. Make sure that the Foil Primer cartridge is loaded into the Foilfast printer before proceeding.

5. Select "Multiple Colors" in the Print Mode (Figure 58).

6. Click on the buttons next to the desired colors under 'Select Cartridge(s).'

5. Click 'Okay.'

The Print Setup dialog box appears (Figure 55).

6. Click 'Print.'

The Print dialog box appears (Figure 53).

7. Verify that the paper size matches the setting in the Printing Preferences dialog box. Adjust the number of copies as required.

8. Load paper into the paper feed.

NOTE: Clear Cover and Fastback Title sheets should be loaded one at a time to avoid jamming.

9. Click 'Print.'

For more information on the choices in the Properties dialog box, see *About Printing Properties*, Chapter VII.

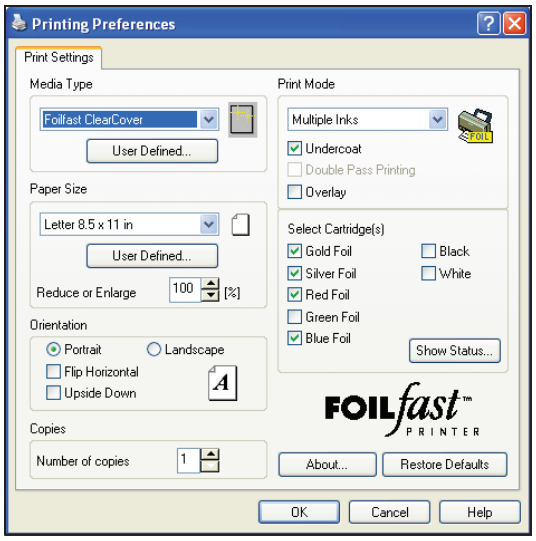

FIGURE 58

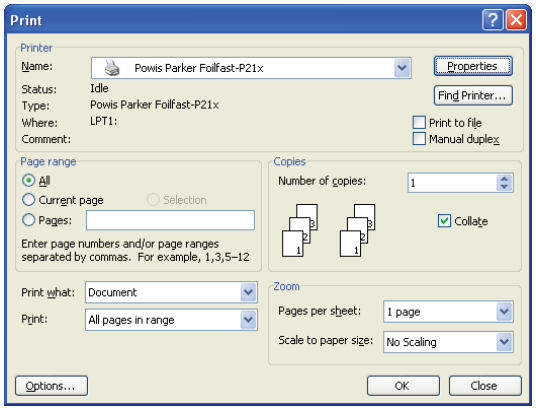

FIGURE 59

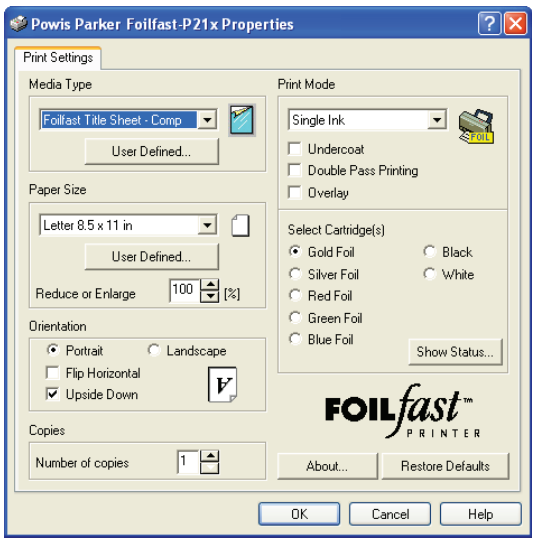

FIGURE 60

A. SINGLE COLOR PRINTING—Comp FTS

IMPORTANT: The printing procedures for Adobe programs (Illustrator, InDesign, etc.) are slightly different from the printing procedures for non-Adobe programs. Because of the common use of Adobe Illustrator with the Foilfast, both sets of procedures are given here.

NOTE: When printing in single color mode, the colors that appear in you artwork do not matter. All artwork will print in the chosen foil color. If, for instance, you have created your artwork in black, but you choose red foil to print, all artwork will appear in red instead of black. If you have used more than one color in your artwork, all colors will print in the specified color when single color printing is chosen.

1. Choose Print from File menu.

The main Print dialog box appears (Figure 59).

2. In the Printer Name selection menu, choose the Foilfast printer and click 'Properties.'

The Properties dialog box appears (Figure 60). Verify that "Foilfast Title Sheet - Comp" is selected in the Media Type box, and that "Single Ink" is chosen in the Print Mode. For Comp covers printing in single color Gold foil, the default settings should need no adjustment. If you are printing in a color other than Gold, Click on the button next to the desired color under 'Select Cartridge(s).' For more information on the choices in this dialog box, see *About Printing Properties*, Chapter VII.

3. Click 'OK.'

The Print dialog box appears (Figure 59).

4. Verify that the paper size matches the setting in the Properties dialog box. Adjust the number of copies as required.

5. Load paper into the paper feed.

NOTE: Fastback Title sheets should be loaded one at a time to avoid jamming.

6. Click 'Print.'

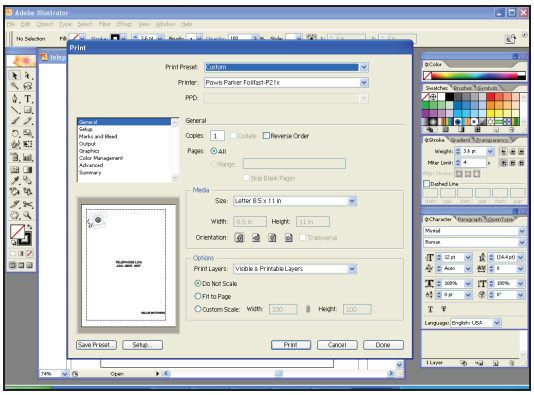

FIGURE 61

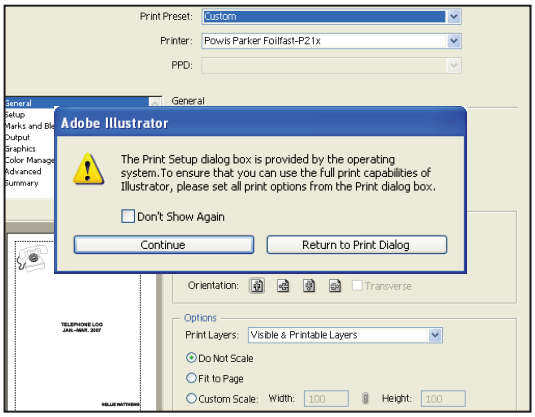

FIGURE 62

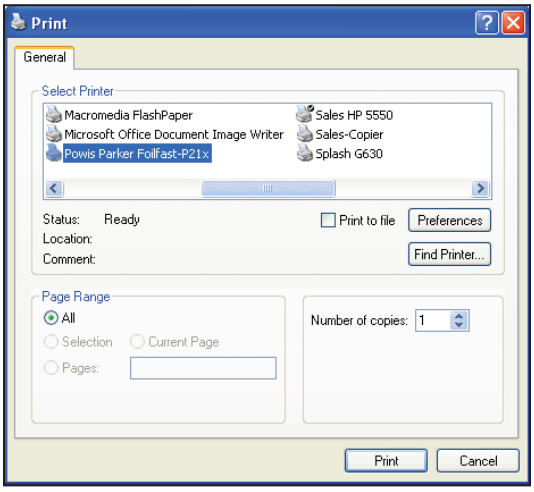

FIGURE 63

B. SINGLE COLOR PRINTING—Comp FTS (Adobe)

NOTE: When printing in single color mode, the colors that appear in you artwork do not matter. All artwork will print in the chosen foil color. If, for instance, you have created your artwork in black, but you choose red foil to print, all artwork will appear in red instead of black.

1. Choose Print from File menu.

The main Print dialog box appears (Figure 61).

2. Choose the Foilfast Printer in Printer selection menu and click 'Setup.'

A warning appears asking if you want to continue or return to the Print dialog box (Figure 62).

3. Click 'Continue.'

The Print Setup dialog box appears (Figure 63).

4. Click 'Preferences.'

The Print Preferences dialog box appears (Figure 64). Verify that "Foilfast Title Sheet - Comp" is selected in the Media Type box, and that "Single Ink" is chosen in the Print Mode. For Comp covers printing in single color Gold foil, the default settings should need no adjustment. If you are printing in a color other than Gold, Click on the button next to the desired color under 'Select Cartridge(s).' For more information on the choices in this dialog box, see *About Printing Properties*, Chapter VII.

5. Click 'OK.'

The Print Setup dialog box appears (Figure 63).

6. Click 'Print.'

The Print dialog box appears (Figure 62).

7. Verify that the paper size matches the setting in the Printing Preferences dialog box. Adjust the number of copies as required.

8. Load paper into the paper feed.

NOTE: Fastback Title sheets should be loaded one at a time to avoid jamming.

9. Click 'Print.'

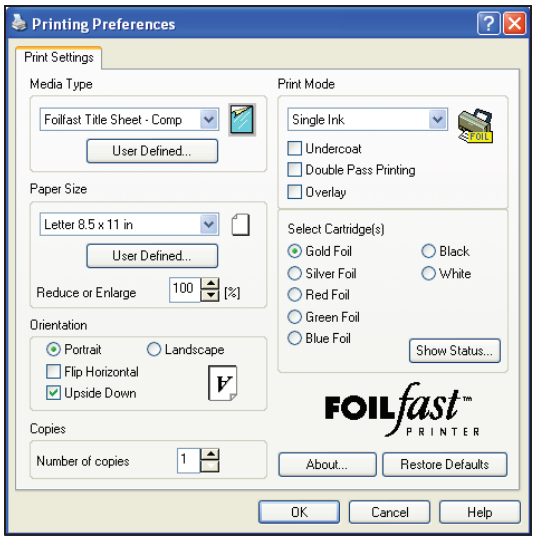

FIGURE 64

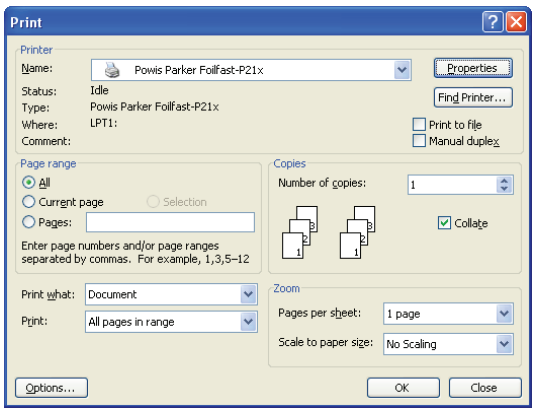

FIGURE 65

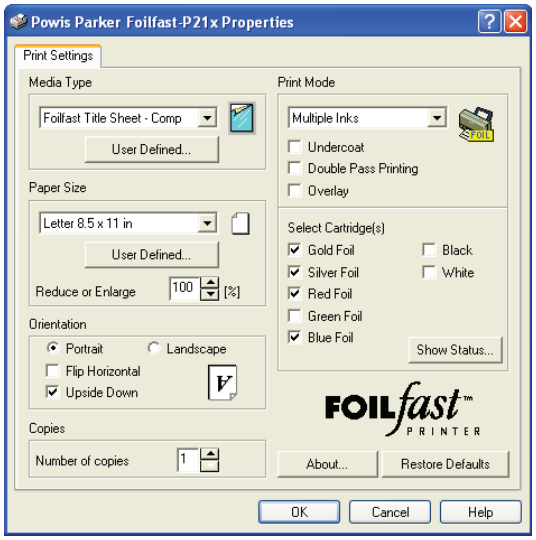

FIGURE 66

C. MULTIPLE COLOR PRINTING—Comp FTS

1. Choose Print from File menu.

The main Print dialog box appears (Figure 65).

2. In the Printer Name selection menu, choose the Foilfast printer and click 'Properties.'

The Print Properties dialog box appears (Figure 66). Verify that "Foilfast Comp Cover-HIGH" is selected in the Media Type box

3. Select "Multiple Colors" in the Print Mode.

4. Click on the buttons next to the desired colors under 'Select Cartridge(s)' (Figure 66).

5. Click 'OK.'

The Print dialog box appears (Figure 65).

6. Verify that the paper size matches the setting in the Printing Preferences dialog box. Adjust the number of copies as required.

7. Load paper into the paper feed.

NOTE: Fastback Title sheets should be loaded one at a time to avoid jamming.

8. Click 'Print.'

For more information on the choices in the Properties dialog box, see *About Printing Properties*, Chapter VII.

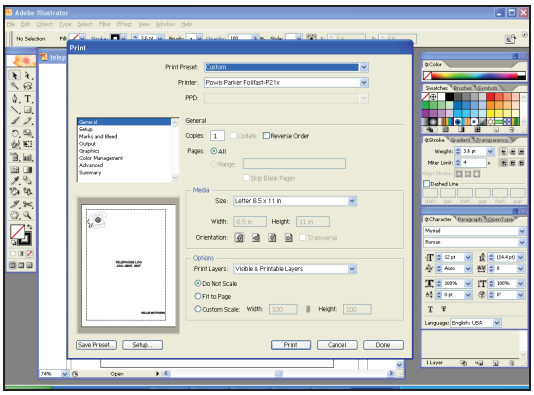

FIGURE 67

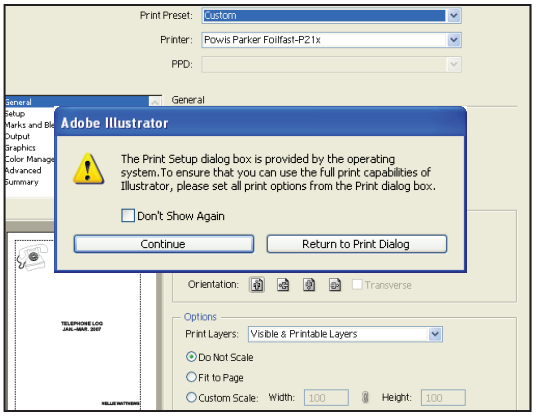

FIGURE 68

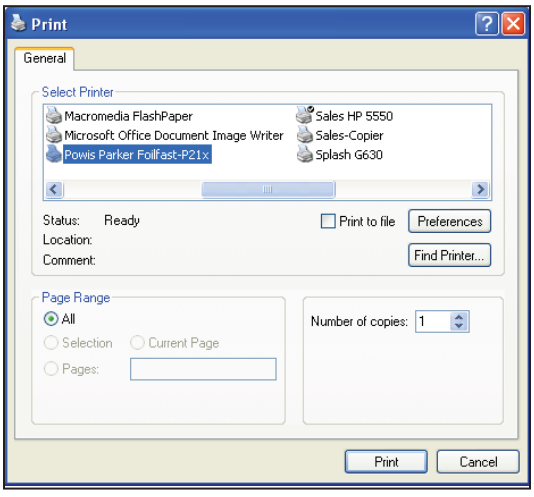

FIGURE 69

D. MULTIPLE COLOR PRINTING—Comp FTS (Adobe)

1. Choose Print from File menu.

The main Print dialog box appears (Figure 67).

2. Choose the Foilfast Printer in Printer selection menu and click 'Setup.'

A dialog box will appear asking if you want to continue or return to the Print dialog box (Figure 68).

3. Click 'Continue.'

The Print Setup dialog box appears (Figure 69).

4. Click 'Preferences.'

The Print Preferences dialog box appears (Figure 70). Verify that "Foilfast Title Sheet - Comp" is selected in the Media Type box.

5. Select "Multiple Colors" in the Print Mode.

6. Click on the buttons next to the desired colors under 'Select Cartridge(s)' (Figure 70).

5. Click 'OK.'

The Print Setup dialog box appears (Figure 69).

6. Click 'Print.'

The Print dialog box appears (Figure 67).

7. Verify that the paper size matches the setting in the Printing Preferences dialog box. Adjust the number of copies as required.

8. Load paper into the paper feed.

NOTE: Fastback Title sheets should be loaded one at a time to avoid jamming.

9. Click 'Print.'

For more information on the choices in the Properties dialog box, see *About Printing Properties*, Chapter VII.

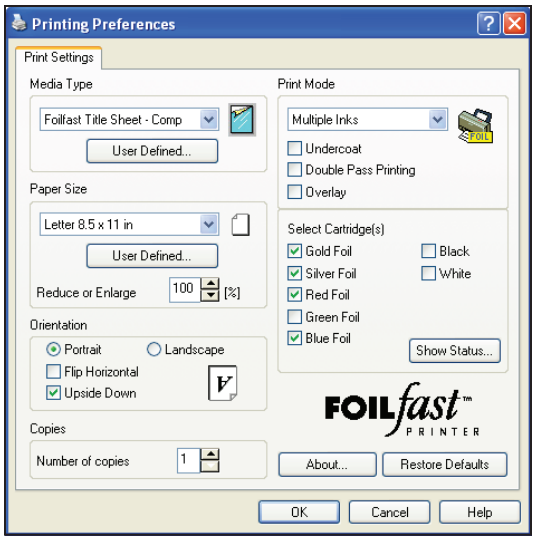

FIGURE 70

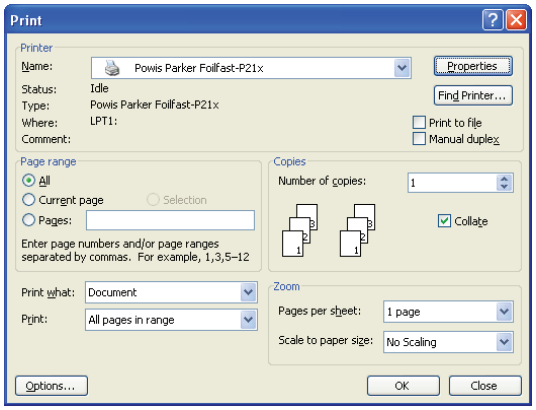

FIGURE 71

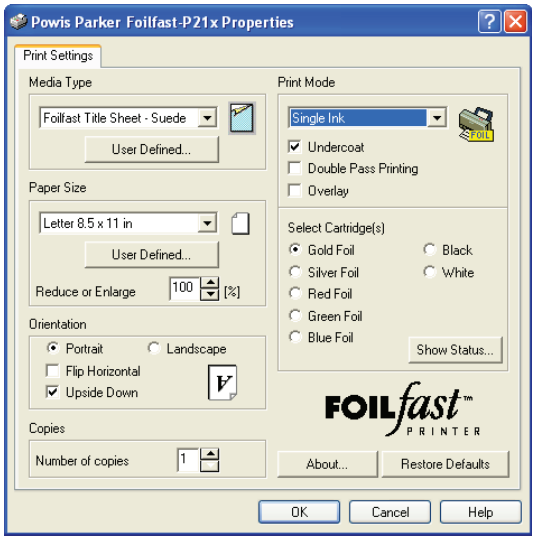

FIGURE 72

E. SINGLE COLOR PRINTING—Suede FTS

IMPORTANT: The printing procedures for Adobe programs (Illustrator, InDesign, etc.) are slightly different from the printing procedures for non-Adobe programs. Because of the common use of Adobe Illustrator with the Foilfast, both sets of procedures are given here.

NOTE: When printing in single color mode, the colors that appear in you artwork do not matter. All artwork will print in the chosen foil color. If, for instance, you have created your artwork in black, but you choose red foil to print, all artwork will appear in red instead of black. If you have used more than one color in your artwork, all colors will print in the specified color when single color printing is chosen.

1. Choose Print from File menu.

The main Print dialog box appears (Figure 71).

2. In the Printer Name selection menu, choose the Foilfast printer and click 'Properties.'

The Properties dialog box appears (Figure 72). Verify that "Foilfast Title Sheet - Suede" is selected in the Media Type box, and that "Single Ink" is chosen in the Print Mode. For Comp covers printing in single color Gold foil, the default settings should need no adjustment.

Note that when "Foilfast Title Sheet - Suede" is chosen, 'Undercoat' is automatically checked. Make sure that the Foil Primer cartridge is loaded into the Foilfast printer before proceeding.

If you are printing in a color other than Gold, Click on the button next to the desired color under 'Select Cartridge(s).' For more information on the choices in this dialog box, see *About Printing Properties*, Chapter VII.

3. Click 'OK.'

The Print dialog box appears (Figure 71).

4. Verify that the paper size matches the setting in the Properties dialog box. Adjust the number of copies as required.

5. Load paper into the paper feed.

NOTE: Clear Cover should be loaded one at a time to avoid jamming.

6. Click 'Print.'

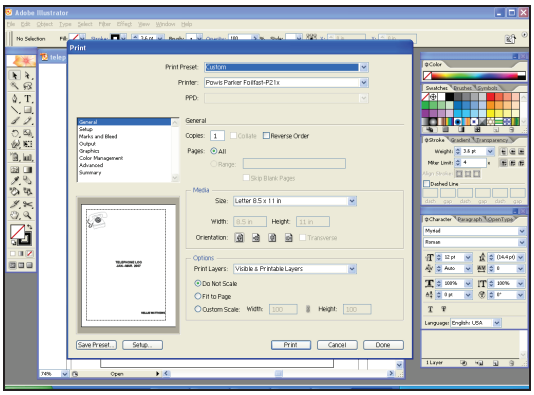

FIGURE 73

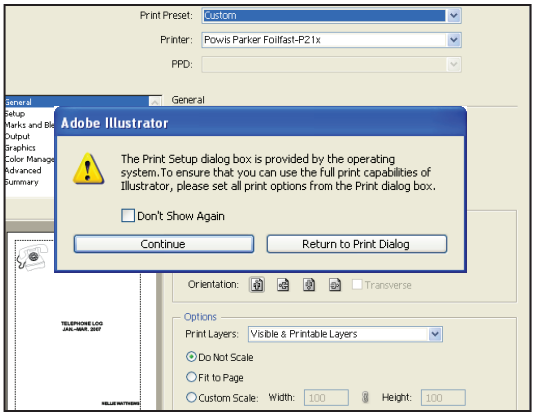

FIGURE 74

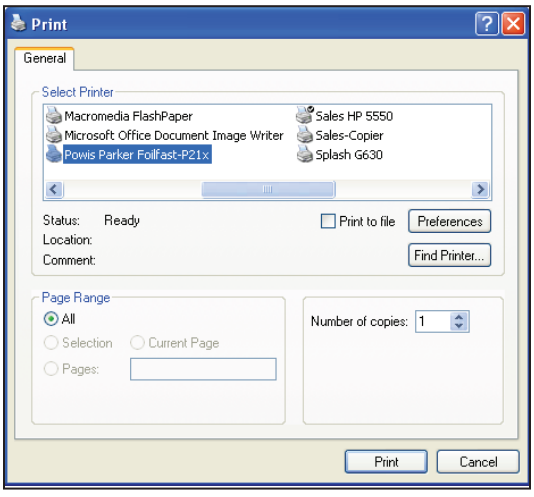

FIGURE 75

F. SINGLE COLOR PRINTING—Suede FTS (Adobe)

NOTE: When printing in single color mode, the colors that appear in you artwork do not matter. All artwork will print in the chosen foil color. If, for instance, you have created your artwork in black, but you choose red foil to print, all artwork will appear in red instead of black.

1. Choose Print from File menu.

The main Print dialog box appears (Figure 73).

2. Choose the Foilfast Printer in Printer selection menu and click 'Setup.'

A warning appears asking if you want to continue or return to the Print dialog box (Figure 74).

3. Click 'Continue.'

The Print Setup dialog box appears (Figure 75).

4. Click 'Preferences.'

The Print Preferences dialog box appears (Figure 76). Verify that "Foilfast Title Sheet - Suede" is selected in the Media Type box, and that "Single Ink" is chosen in the Print Mode. For Comp covers printing in single color Gold foil, the default settings should need no adjustment.

Note that when "Foilfast Title Sheet - Suede" is chosen, 'Undercoat' is automatically checked. Make sure that the Foil Primer cartridge is loaded into the Foilfast printer before proceeding.

If you are printing in a color other than Gold, Click on the button next to the desired color under 'Select Cartridge(s).' For more information on the choices in this dialog box, see *About Printing Properties*, Chapter VII.

5. Click 'OK.'

The Print Setup dialog box appears (Figure 72).

6. Click 'Print.'

The Print dialog box appears (Figure 70).

7. Verify that the paper size matches the setting in the Printing Preferences dialog box. Adjust the number of copies as required.

8. Load paper into the paper feed.

NOTE: Fastback Title sheets should be loaded one at a time to avoid jamming.

9. Click 'Print.'

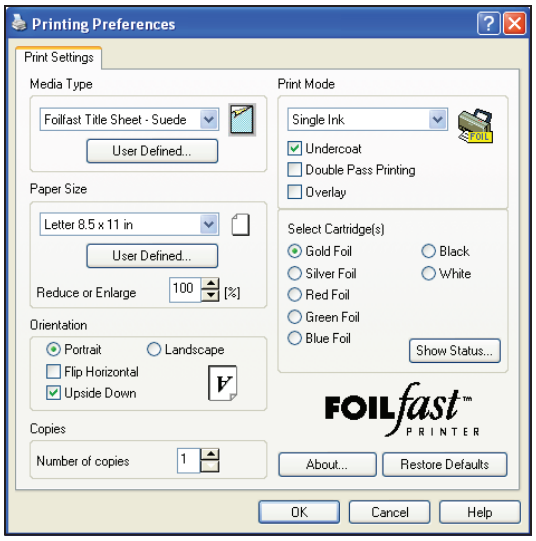

FIGURE 76

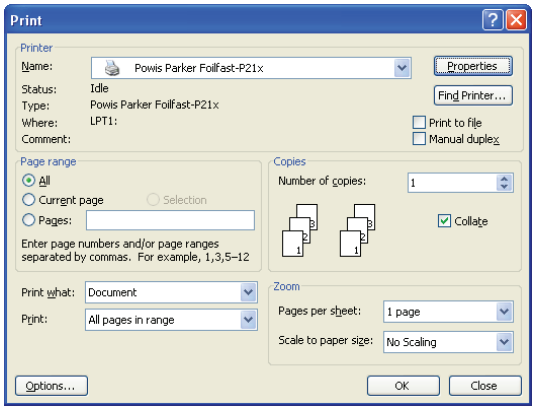

FIGURE 77

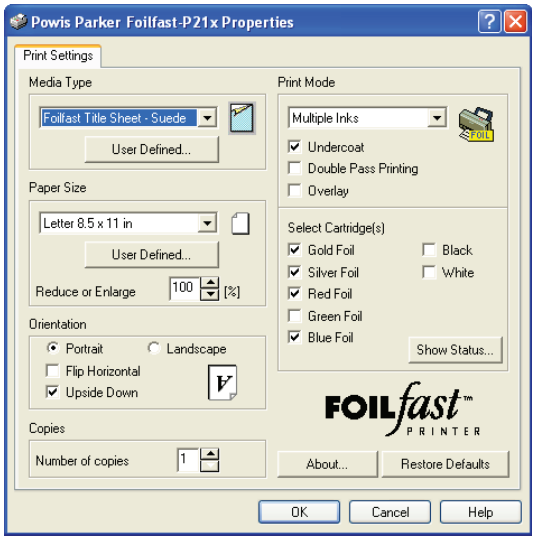

FIGURE 78

G. MULTIPLE COLOR PRINTING—Suede FTS

1. Choose Print from File menu.

The main Print dialog box appears (Figure 77).

2. In the Printer Name selection menu, choose the Foilfast printer and click 'Properties.'

The Print Properties dialog box appears (Figure 78). Verify that "Foilfast Title Sheet - Suede" is selected in the Media Type box.

Note that when "Foilfast Title Sheet - Suede" is chosen, 'Undercoat' is automatically checked. Make sure that the Foil Primer cartridge is loaded into the Foilfast printer before proceeding.

3. Select "Multiple Colors" in the Print Mode.

4. Click on the buttons next to the desired colors under 'Select Cartridge(s)' (Figure 78).

5. Click 'OK.'

The Print dialog box appears (Figure 77).

6. Verify that the paper size matches the setting in the Printing Preferences dialog box. Adjust the number of copies as required.

7. Load paper into the paper feed.

NOTE: Fastback Title sheets should be loaded one at a time to avoid jamming.

8. Click 'Print.'

For more information on the choices in the Properties dialog box, see *About Printing Properties*, Chapter VII.

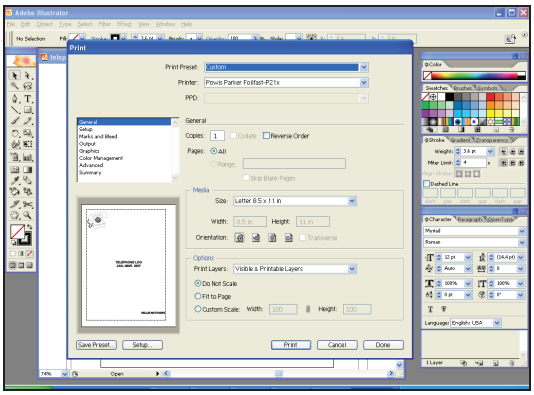

FIGURE 79

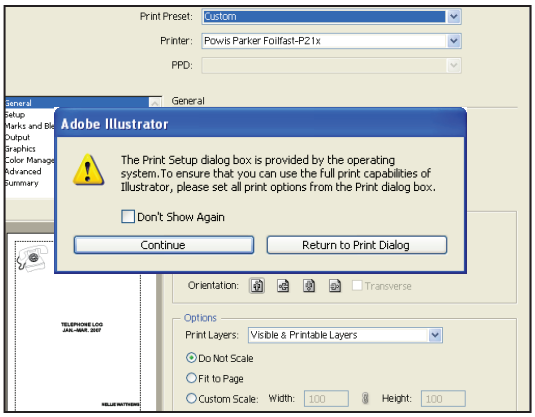

FIGURE 80

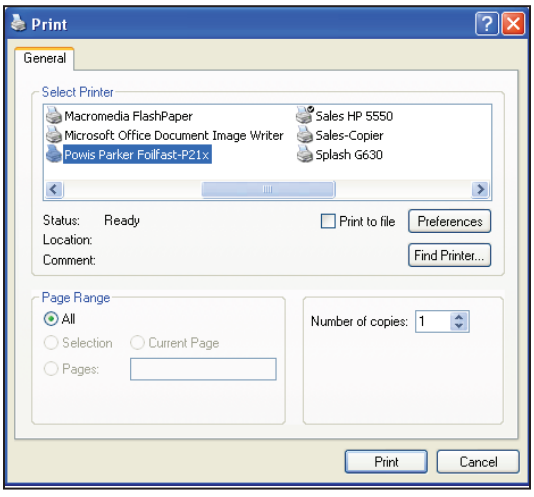

FIGURE 81

H. MULTIPLE COLOR PRINTING—Suede FTS (Adobe)

1. Choose Print from File menu.

The main Print dialog box appears (Figure 79).

2. Click 'Setup.'

A dialog box will appear asking if you want to continue or return to the Print dialog box (Figure 80).

3. Click 'Continue.'

The Print Setup dialog box appears (Figure 81).

4. Click 'Preferences.'

The Print Preferences dialog box appears (Figure 82). Verify that "Foilfast Title Sheet - Suede" is selected in the Media Type box, and that "Single Ink" is chosen in the Print Mode. For Comp covers printing in single color Gold foil, the default settings should need no adjustment.

Note that when "Foilfast Title Sheet-Suede" is chosen, 'Undercoat' is automatically checked. Make sure that the Foil Primer cartridge is loaded into the Foilfast printer before proceeding.

If you are printing in a color other than Gold, Click on the button next to the desired color under 'Select Cartridge(s).' For more information on the choices in this dialog box, see *About Printing Properties*, Chapter VII.

5. Select "Multiple Colors" in the Print Mode.

6. Click on the buttons next to the desired colors under 'Select Cartridge(s)' (Figure 82).

5. Click 'OK.'

The Print Setup dialog box appears (Figure 81).

6. Click 'Print.'

The Print dialog box appears (Figure 79).

7. Verify that the paper size matches the setting in the Printing Preferences dialog box. Adjust the number of copies as required.

8. Load paper into the paper feed.

NOTE: Clear Cover and Fastback Title sheets should be loaded one at a time to avoid jamming.

9. Click 'Print.'

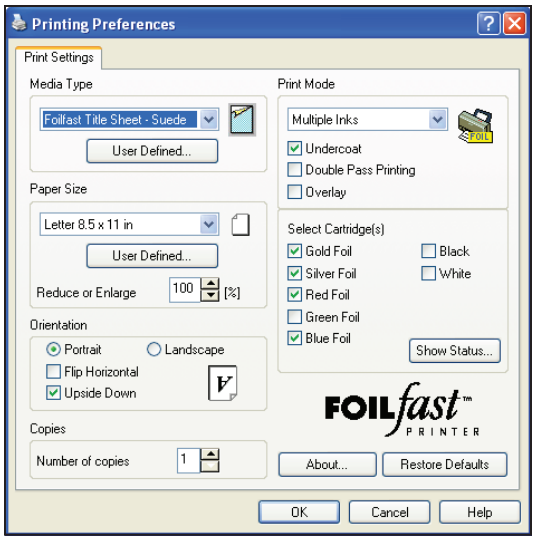
Printing Preferences
Print Settings
Media Type
Foilfast Title Sheet - Suede
User Defined...
Paper Size
Letter 8.5 x 11 in
User Defined...
Reduce or Enlarge
100
[%]
Orientation
Portrait
Landscape
Flip Horizontal
Upside Down
Copies
Number of copies
1
Print Mode
Multiple Inks
Undercoat
Double Pass Printing
Overlay
Select Cartridge(s)
Gold Foil
Silver Foil
Red Foil
Green Foil
Blue Foil
Black
White
Show Status...
FOILfast PRINTER
About...
Restore Defaults
OK
Cancel
Help

FIGURE 82

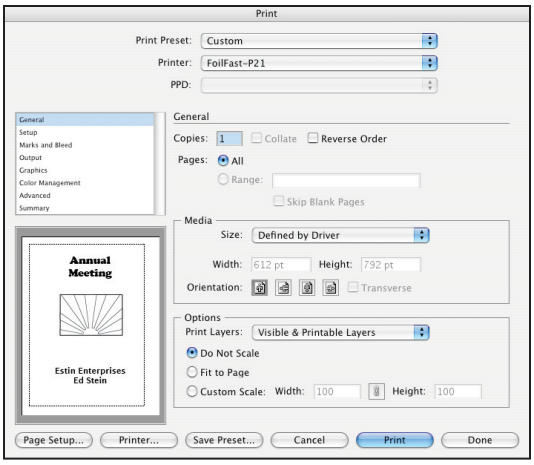

FIGURE 83

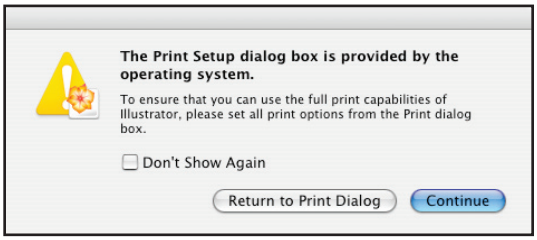

FIGURE 84

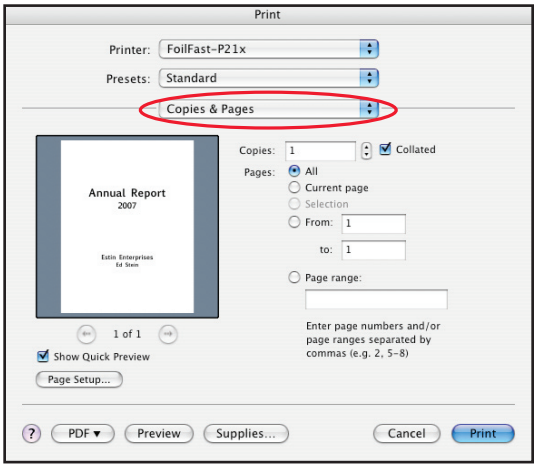

FIGURE 85

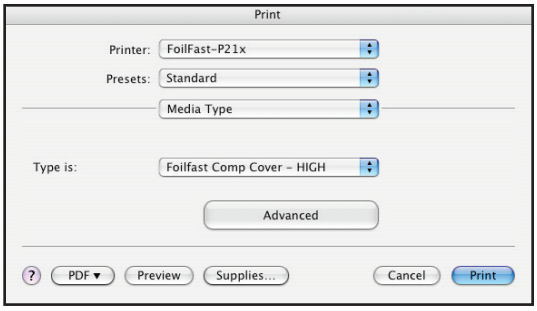

FIGURE 86

A. SINGLE COLOR PRINTING

NOTE: When printing in single color mode, the colors that appear in you artwork do not matter. All artwork will print in the chosen foil color. If, for instance, you have created your artwork in black, but you choose red foil to print, all artwork will appear in red instead of black. If you have used more than one color in your artwork, all colors will print in the specified color when single color printing is chosen.

1. Choose Print from File menu.

NOTE: If you are using an Adobe program (Illustrator, InDesign, etc.) a print dialog box will appear that is unique to the Adobe programs. For non-Adobe programs, go directly to step 4.

The Adobe Print dialog box appears (Figure 83).

2. Click 'Printer.'

A warning appears (Figure 84).

3. Check the box labeled 'Don't Show Again' and click 'Continue.'

The Print dialog box appears (Figure 85).

NOTE: The appearance of this dialog box may vary.

4. Click and hold on the Print Properties pop-up menu (circled in red). A scroll box appears with several choices. Scroll down to 'Media Type' and release the mouse button.

The Media Type information appears in the Print dialog box appears (Figure 86). Verify that "Foilfast Comp Cover-HIGH" is selected in the "Type is" pop-up menu.

5. Click and hold on the Print Properties pop-up menu again. Scroll down to 'Print Mode' and release the mouse button.

The Print Mode information appears in the Print dialog box (Figure 84). Verify that "Single Ink" is selected in the "Mode is" menu.

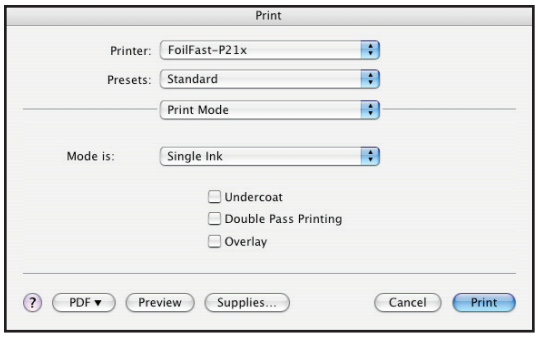

FIGURE 87

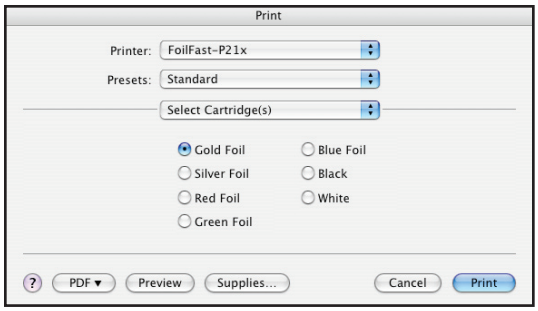

FIGURE 88

6. Click and hold on the Print Properties pop-up menu again. Scroll down to 'Select Cartridges' and release the mouse button.

The Cartridge Selection information appears in the Print dialog box appears (Figure 88). Because "Single Ink" was chosen as the Print Mode, the various colors appear as buttons, and only one color can be selected at a time.

7. Load paper into the paper feed.

NOTE: If you are using Comp cover, you may load up to ten sheets at a time in the paper feed. Clear Cover and Fastback Title sheets should be loaded one at a time to avoid jamming.

8. Click 'Print.'

For more information on the available printing choices, see *About Printing Properties*, Chapter VII.

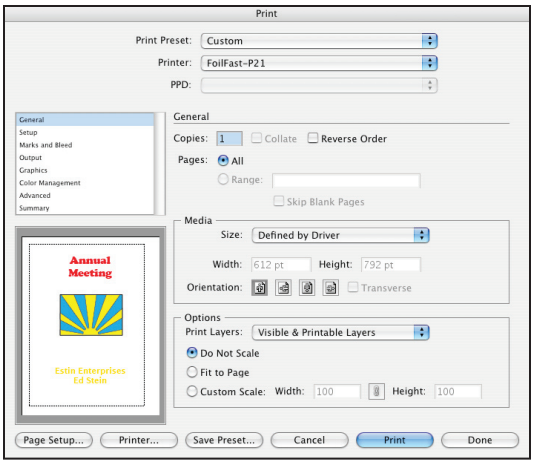

FIGURE 89

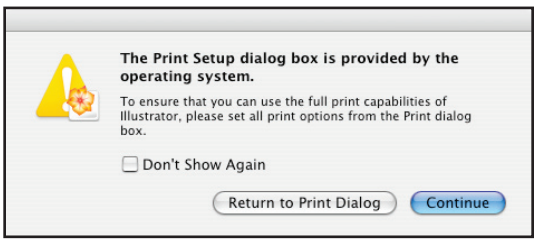

FIGURE 90

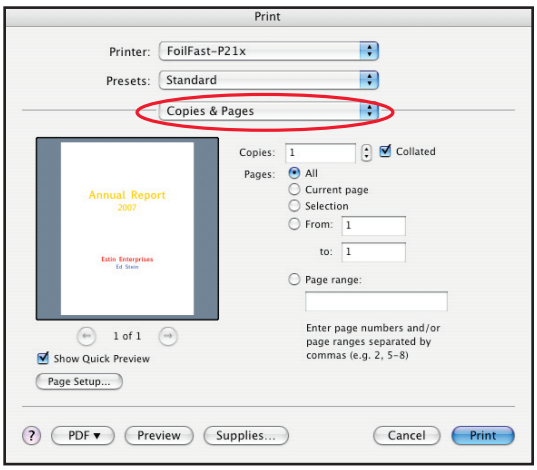

FIGURE 91

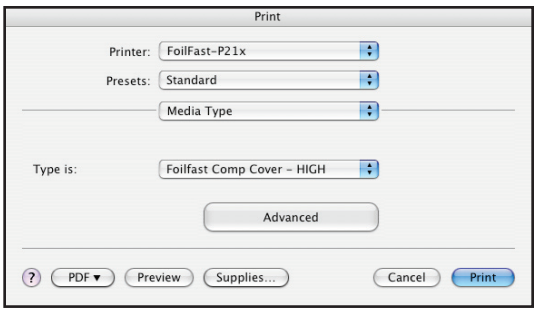

FIGURE 92

B. MULTIPLE COLOR PRINTING

1. Choose Print from File menu.

NOTE: If you are using an Adobe program (Illustrator, InDesign, etc.) a print dialog box will appear that is unique to the Adobe programs. For non-Adobe programs, go directly to step 4.

The Adobe Print dialog box appears (Figure 89).

2. Click 'Printer...' button at the bottom of the Print window.

A warning appears (Figure 90).

3. Check the box labeled 'Don't Show Again' and click 'Continue.'

The Print dialog box appears (Figure 91).

NOTE: The appearance of this dialog box may vary.

4. Click and hold on the Print Properties pop-up menu (circled in red). A scroll box appears with several choices. Scroll down to 'Media Type' and release the mouse button.

The Media Type information appears in the Print dialog box appears (Figure 92). Verify that "Foilfast Comp Cover-HIGH" is selected in the "Type is" pop-up menu.

5. Click and hold on the Print Properties pop-up menu again. Scroll down to 'Print Mode' and release the mouse button.

The Print Mode information appears in the Print dialog box (Figure 93). Choose "Multiple Inks" in the "Mode is" menu.

6. Click and hold on the third pop-up menu again. Scroll down to 'Select Cartridges' and release the mouse button.

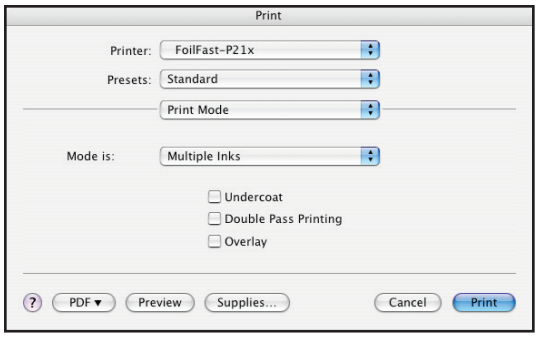

FIGURE 93

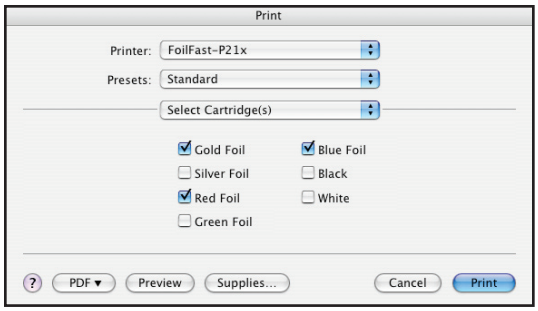

FIGURE 94

The Cartridge Selection information appears in the Print dialog box appears (Figure 94). Because "Multiple Inks" was chosen, you may now select as many of the cartridge colors as you wish.

NOTE: To avoid error messages, be sure that the colors you have chosen match the available cartridges in the Foilfast printer.

7. Load paper into the paper feed.

NOTE: If you are using Comp cover, you may load up to ten sheets at a time in the paper feed. Clear Cover and Fastback Title sheets should be loaded one at a time to avoid jamming.

8. Click 'Print.'

For more information on the available printing choices, see *About Printing Properties*, Chapter VII.

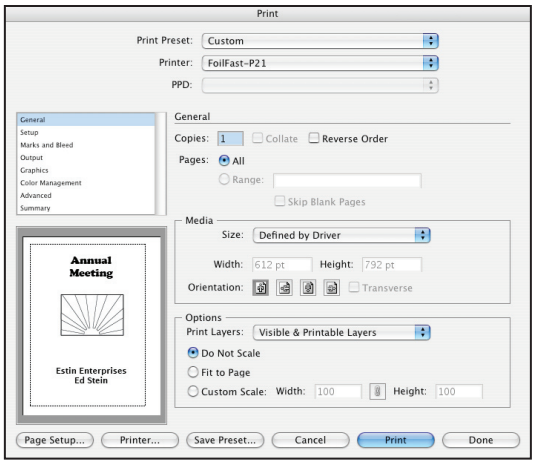

FIGURE 95

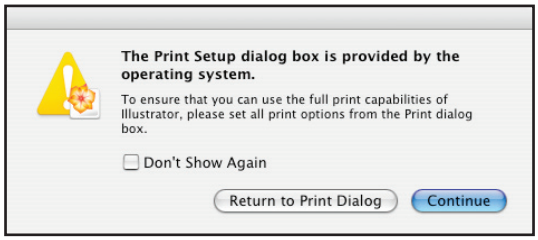

FIGURE 96

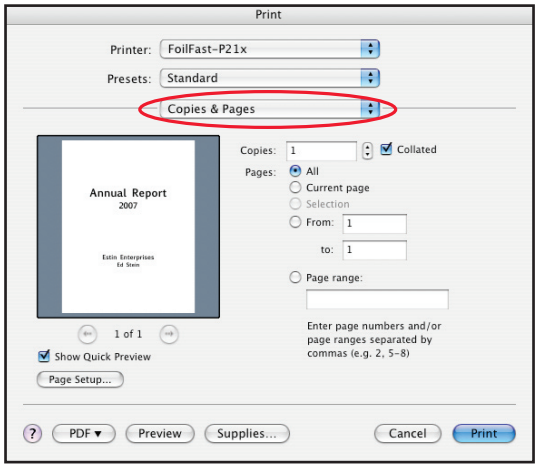

FIGURE 97

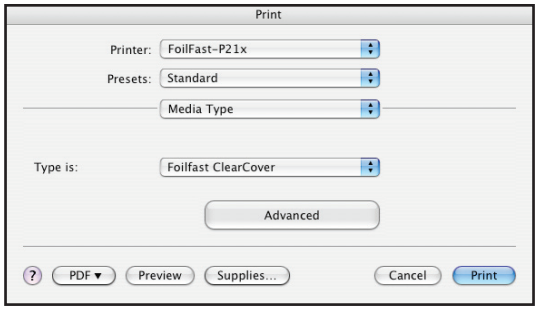

FIGURE 98

A. SINGLE COLOR PRINTING

NOTE: When printing in single color mode, the colors that appear in you artwork do not matter. All artwork will print in the chosen foil color. If, for instance, you have created your artwork in black, but you choose red foil to print, all artwork will appear in red instead of black. If you have used more than one color in your artwork, all colors will print in the specified color when single color printing is chosen.

1. Choose Print from File menu.

NOTE: If you are using an Adobe program (Illustrator, InDesign, etc.) a print dialog box will appear that is unique to the Adobe programs. For non-Adobe programs, go directly to step 4.

The Adobe Print dialog box appears (Figure 95).

2. Click 'Printer...' button at the bottom of the Print window.

A warning appears (Figure 96).

3. Check the box labeled 'Don't Show Again' and click 'Continue.'

The Print dialog box appears (Figure 97).

NOTE: The appearance of this dialog box may vary.

4. Click and hold on the Print Properties pop-up menu (circled in red). A scroll box appears with several choices. Scroll down to 'Media Type' and release the mouse button.

The Media Type information appears in the Print dialog box appears (Figure 98). Select "Foilfast ClearCover" from the "Type is" pop-up menu.

5. Click and hold on the third pop-up menu again. Scroll down to 'Print Mode' and release the mouse button.

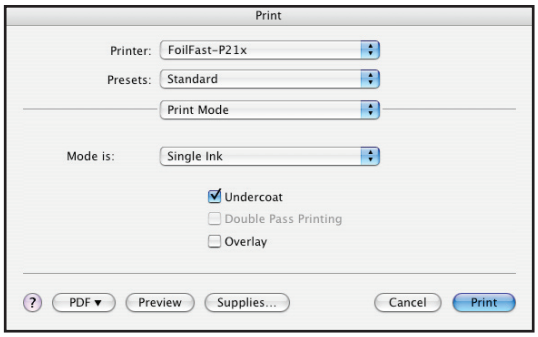

FIGURE 99

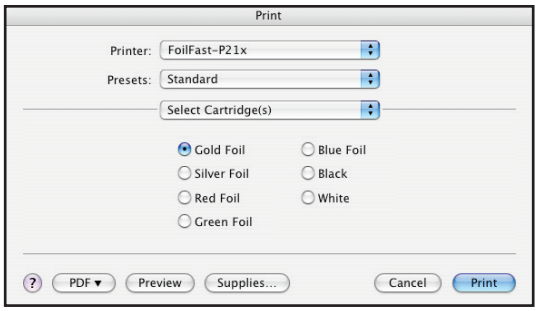

FIGURE 100

The Print Mode information appears in the Print dialog box (Figure 99). Verify that "Single Ink" is selected in the "Mode is" menu.

Note that when "Foilfast ClearCover" is chosen, 'Undercoat' is automatically checked. Do not uncheck this selection when printing on Clear Cover. Also make sure that the Foil Primer cartridge is loaded into the Foilfast printer before printing.

6. Click and hold on the third pop-up menu again. Scroll down to 'Select Cartridges' and release the mouse button.

The Cartridge Selection information appears in the Print dialog box appears (Figure 100). Because "Single Ink" was chosen as the Print Mode, the various colors appear as buttons, and only one color can be selected at a time.

NOTE: To avoid error messages, be sure that the colors you have chosen match the available cartridges in the Foilfast printer.

7. Load paper into the paper feed.

NOTE: If you are using Comp cover, you may load up to ten sheets at a time in the paper feed. Clear Cover and Fastback Title sheets should be loaded one at a time to avoid jamming.

8. Click 'Print.'

For more information on the available printing choices, see *About Printing Properties*, Chapter VII.

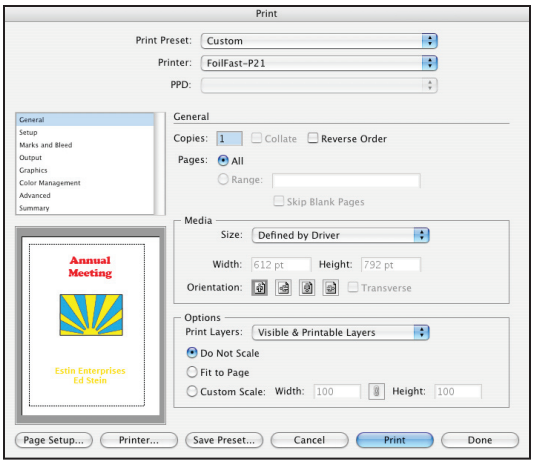

FIGURE 101

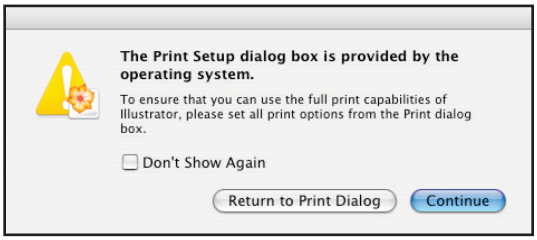

FIGURE 102

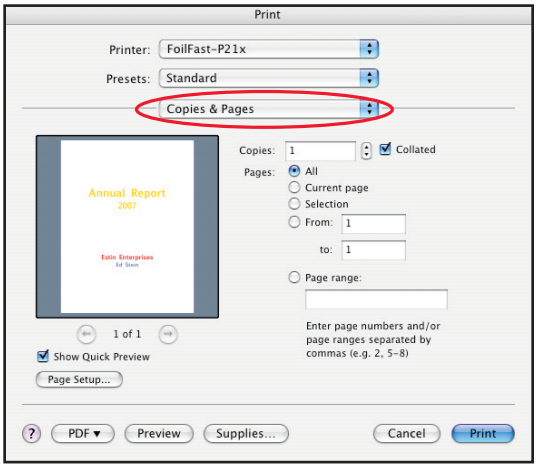

FIGURE 103

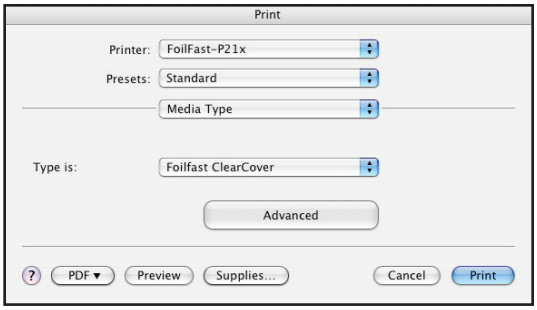

FIGURE 104

B. MULTIPLE COLOR PRINTING

1. Choose Print from File menu.

NOTE: If you are using an Adobe program (Illustrator, InDesign, etc.) a print dialog box will appear that is unique to the Adobe programs. For non-Adobe programs, go directly to step 4.

The Adobe Print dialog box appears (Figure 101).

2. Click 'Printer...' button at the bottom of the Print window.

A warning appears (Figure 102).

3. Check the box labeled 'Don't Show Again' and click 'Continue.'

The Print dialog box appears (Figure 103).

NOTE: The appearance of this dialog box may vary.

4. Click and hold on the Print Properties pop-up menu (circled in red). A scroll box appears with several choices. Scroll down to 'Media Type' and release the mouse button.

The Media Type information appears in the Print dialog box appears (Figure 104). Select "Foilfast ClearCover" from the "Type is" pop-up menu.

5. Click and hold on the third pop-up menu again. Scroll down to 'Print Mode' and release the mouse button.

The Print Mode information appears in the Print dialog box appears (Figure 105). Choose "Multiple Inks" in the "Mode is" menu.

6. Click and hold on the Print Properties pop-up menu again. Scroll down to 'Select Cartridges' and release the mouse button.

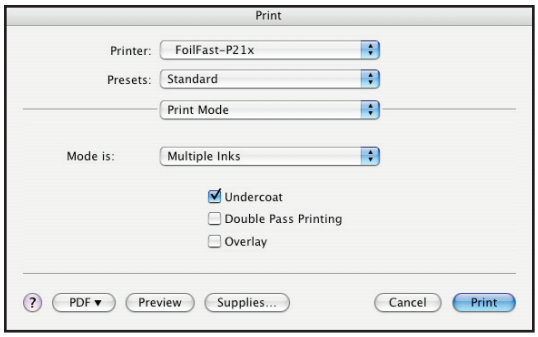

FIGURE 105

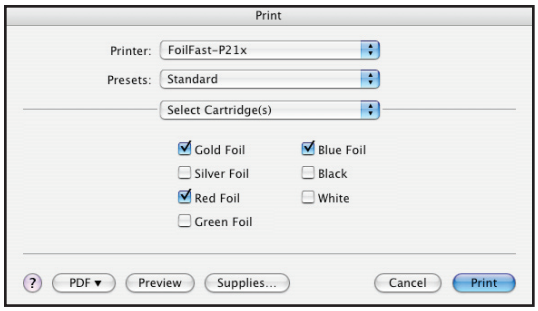

FIGURE 106

The Cartridge Selection information appears in the Print dialog box appears (Figure 106). Because "Multiple Inks" was chosen, you may now select as many of the cartridge colors as you wish.

NOTE: To avoid error messages, be sure that the colors you have chosen match the available cartridges in the Foilfast printer.

7. Load paper into the paper feed.

NOTE: If you are using Comp cover, you may load up to ten sheets at a time in the paper feed. Clear Cover and Fastback Title sheets should be loaded one at a time to avoid jamming.

8. Click 'Print.'

For more information on the available printing choices, see *About Printing Properties*, Chapter VII.

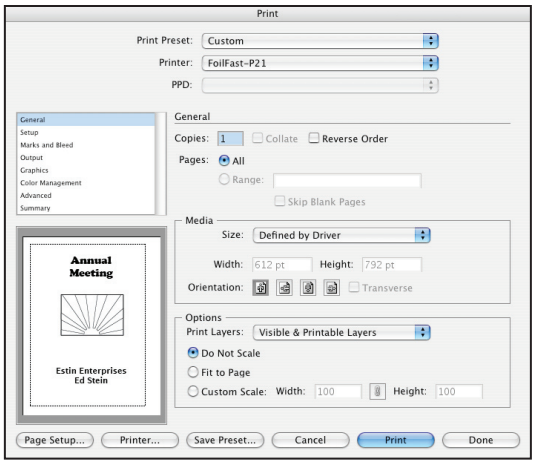

FIGURE 107

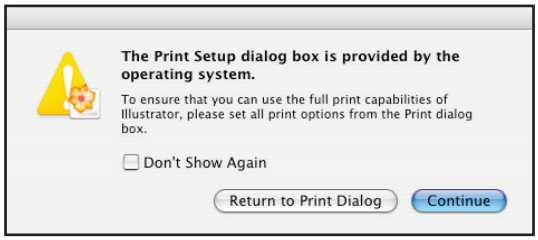

FIGURE 108

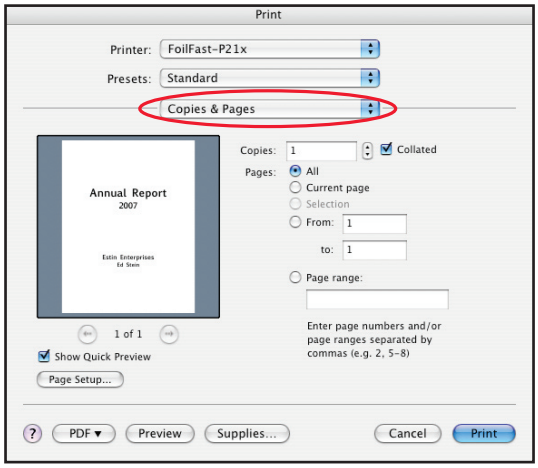

FIGURE 109

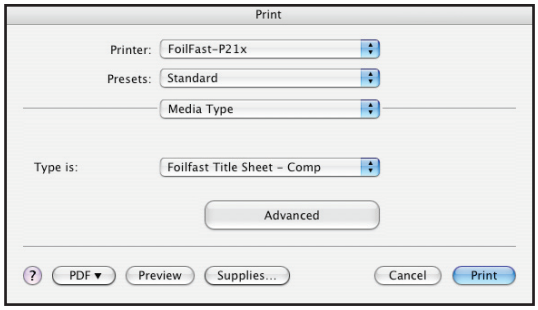

FIGURE 110

A. SINGLE COLOR PRINTING–FTS Comp

NOTE: When printing in single color mode, the colors that appear in you artwork do not matter. All artwork will print in the chosen foil color. If, for instance, you have created your artwork in black, but you choose red foil to print, all artwork will appear in red instead of black. If you have used more than one color in your artwork, all colors will print in the specified color when single color printing is chosen.

1. Choose Print from File menu.

NOTE: If you are using an Adobe program (Illustrator, InDesign, etc.) a print dialog box will appear that is unique to the Adobe programs. For non-Adobe programs, go directly to step 4.

The Adobe Print dialog box appears (Figure 107).

2. Click 'Printer...' button at the bottom of the Print window.

A warning appears (Figure 108).

3. Check the box labeled 'Don't Show Again' and click 'Continue.'

The Print dialog box appears (Figure 109).

NOTE: The appearance of this dialog box may vary.

4. Click and hold on the Print Properties pop-up menu (circled in red). A scroll box appears with several choices. Scroll down to 'Media Type' and release the mouse button.

The Media Type information appears in the Print dialog box appears (Figure 110). Verify that "Foilfast Title Sheet - Comp" is selected in the "Type is" pop-up menu.

5. Click and hold on the Print Properties pop-up menu again. Scroll down to 'Print Mode' and release the mouse button.

The Print Mode information appears in the Print dialog box (Figure 111). Verify that "Single Ink" is selected in the "Mode is" menu.

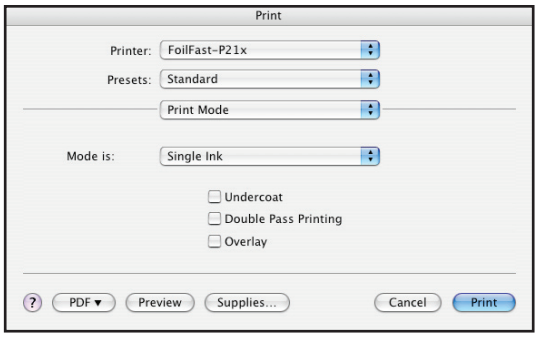

FIGURE 111

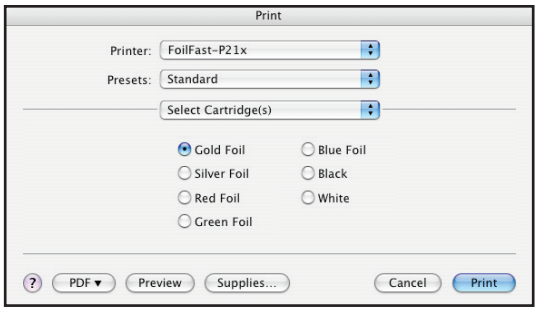

FIGURE 112

6. Click and hold on the Print Properties pop-up menu again. Scroll down to 'Select Cartridges' and release the mouse button.

The Cartridge Selection information appears in the Print dialog box appears (Figure 112). Because "Single Ink" was chosen as the Print Mode, the various colors appear as buttons, and only one color can be selected at a time.

7. Load paper into the paper feed.

NOTE: Fastback Title sheets should be loaded one at a time to avoid jamming.

8. Click 'Print.'

For more information on the available printing choices, see *About Printing Properties*, Chapter VII.

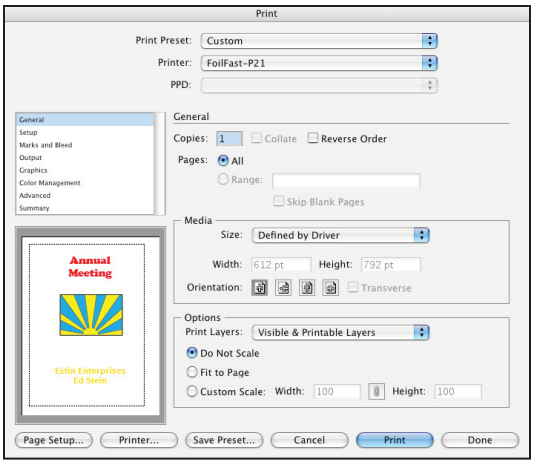

FIGURE 113

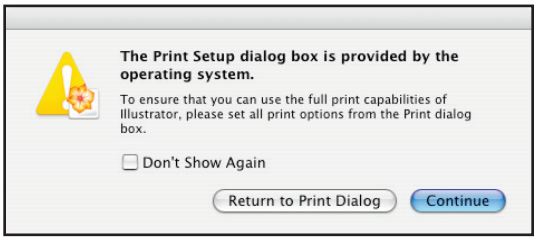

FIGURE 114

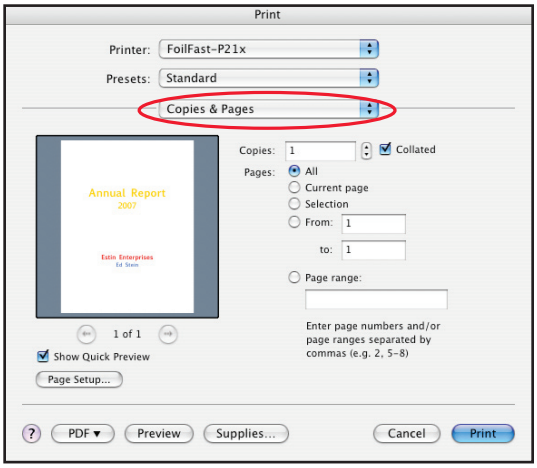

FIGURE 115

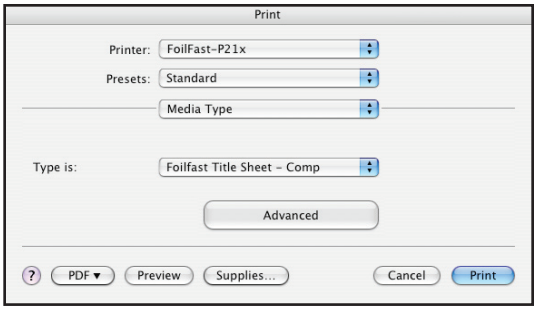

FIGURE 116

B. MULTIPLE COLOR PRINTING–FTS Comp

1. Choose Print from File menu.

NOTE: If you are using an Adobe program (Illustrator, InDesign, etc.) a print dialog box will appear that is unique to the Adobe programs. For non-Adobe programs, go directly to step 4.

The Adobe Print dialog box appears (Figure 113).

2. Click 'Printer...' button at the bottom of the Print window.

A warning appears (Figure 114).

3. Check the box labeled 'Don't Show Again' and click 'Continue.'

The Print dialog box appears (Figure 115).

NOTE: The appearance of this dialog box may vary.

4. Click and hold on the pop-up menu (circled in red). A scroll box appears with several choices. Scroll down to 'Media Type' and release the mouse button.

The Media Type information appears in the Print dialog box appears (Figure 116). Verify that "Foilfast Title Sheet - Comp" is selected in the "Type is" pop-up menu.

5. Click and hold on the third pop-up menu again. Scroll down to 'Print Mode' and release the mouse button.

The Print Mode information appears in the Print dialog box (Figure 117). Choose "Multiple Inks" in the "Mode is" menu.

6. Click and hold on the third pop-up menu again. Scroll down to 'Select Cartridges' and release the mouse button.

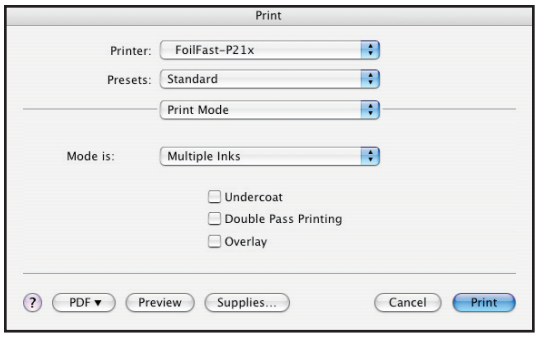

FIGURE 117

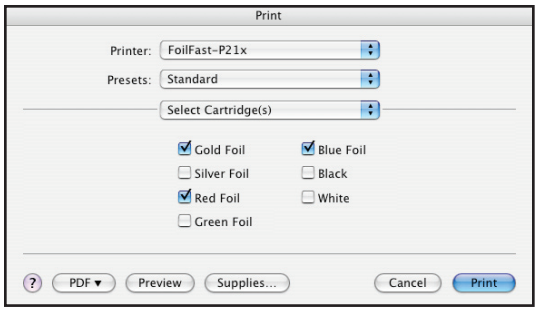

FIGURE 118

The Cartridge Selection information appears in the Print dialog box appears (Figure 118). Because "Multiple Inks" was chosen, you may now select as many of the cartridge colors as you wish.

NOTE: To avoid error messages, be sure that the colors you have chosen match the available cartridges in the Foilfast printer.

7. Load paper into the paper feed.

NOTE: Fastback Title sheets should be loaded one at a time to avoid jamming.

8. Click 'Print.'

For more information on the available printing choices, see *About Printing Properties*, Chapter VII.

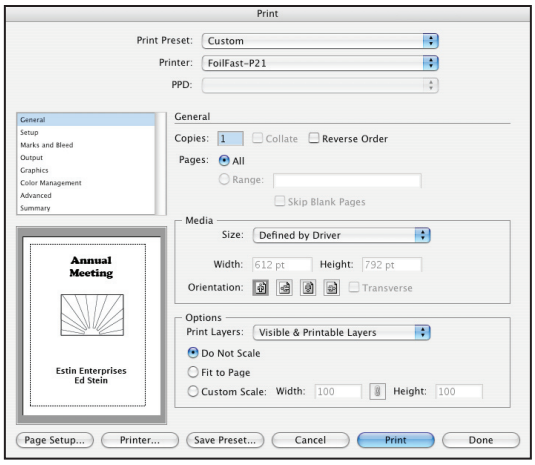

FIGURE 119

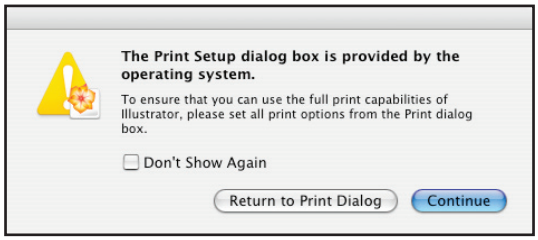

FIGURE 120

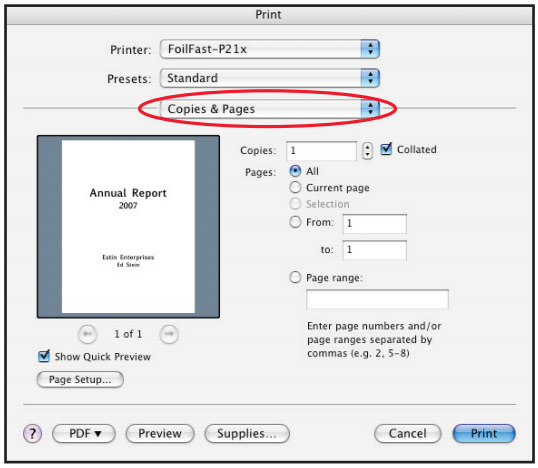

FIGURE 121

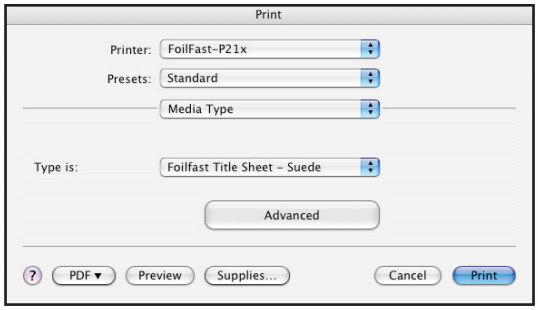

FIGURE 122

A. SINGLE COLOR PRINTING – FTS Suede

NOTE: When printing in single color mode, the colors that appear in you artwork do not matter. All artwork will print in the chosen foil color. If, for instance, you have created your artwork in black, but you choose red foil to print, all artwork will appear in red instead of black. If you have used more than one color in your artwork, all colors will print in the specified color when single color printing is chosen.

1. Choose Print from File menu.

NOTE: If you are using an Adobe program (Illustrator, InDesign, etc.) a print dialog box will appear that is unique to the Adobe programs. For non-Adobe programs, go directly to step 4.

The Adobe Print dialog box appears (Figure 119).

2. Click 'Printer...' button at the bottom of the Print window.

A warning appears (Figure 120).

3. Check the box labeled 'Don't Show Again' and click 'Continue.'

The Print dialog box appears (Figure 121).

NOTE: The appearance of this dialog box may vary.

4. Click and hold on the Print Properties pop-up menu (circled in red). A scroll box appears with several choices. Scroll down to 'Media Type' and release the mouse button.

The Media Type information appears in the Print dialog box appears (Figure 122). Select "Foilfast Title Sheet - Suede" from the "Type is" pop-up menu.

5. Click and hold on the third pop-up menu again. Scroll down to 'Print Mode' and release the mouse button.

The Print Mode information appears in the Print dialog box (Figure 123). Verify that "Multiple Inks" is selected in the "Mode is" menu.

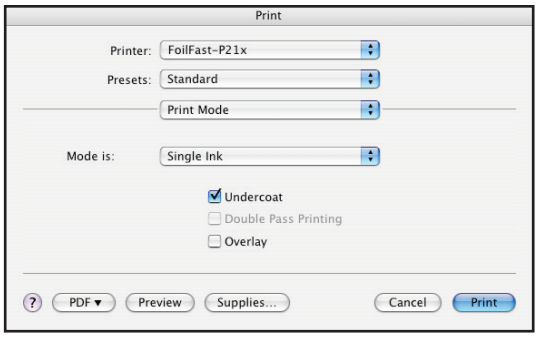

FIGURE 123

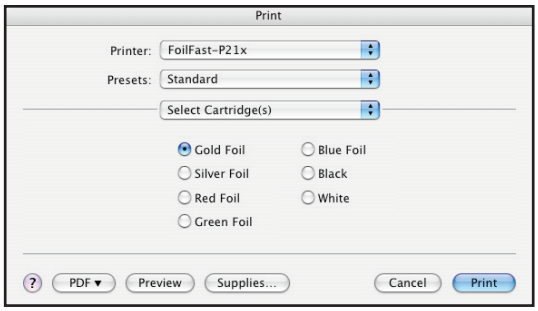

FIGURE 124

Note that when "Foilfast Title Sheet - Suede" is chosen, 'Undercoat' is automatically checked. Make sure that the Foil Primer cartridge is loaded into the Foilfast printer before printing.

6. Click and hold on the Print Properties pop-up menu again. Scroll down to 'Select Cartridges' and release the mouse button.

The Cartridge Selection information appears in the Print dialog box appears (Figure 124). Because "Single Ink" was chosen as the Print Mode, the various colors appear as buttons, and only one color can be selected at a time.

NOTE: To avoid error messages, be sure that the colors you have chosen match the available cartridges in the Foilfast printer.

7. Load paper into the paper feed.

NOTE: Fastback Title sheets should be loaded one at a time to avoid jamming.

8. Click 'Print.'

For more information on the available printing choices, see *About Printing Properties*, Chapter VII.

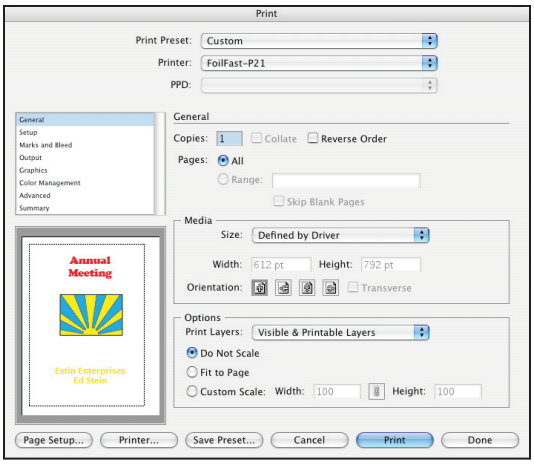

FIGURE 125

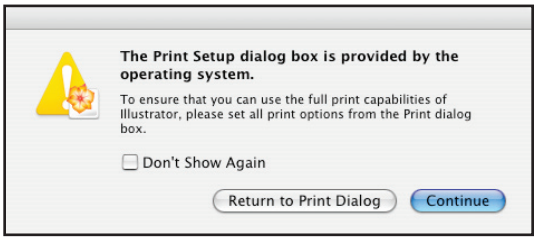

FIGURE 126

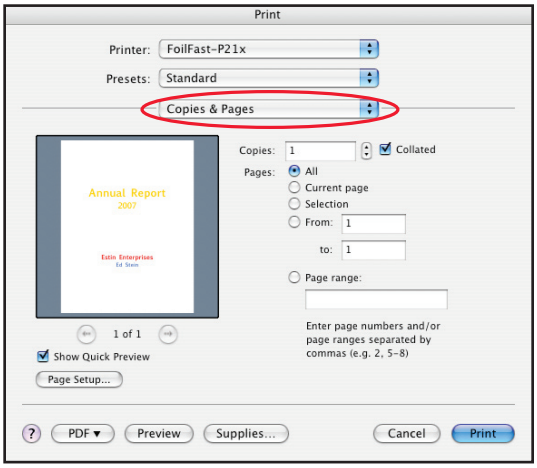

FIGURE 127

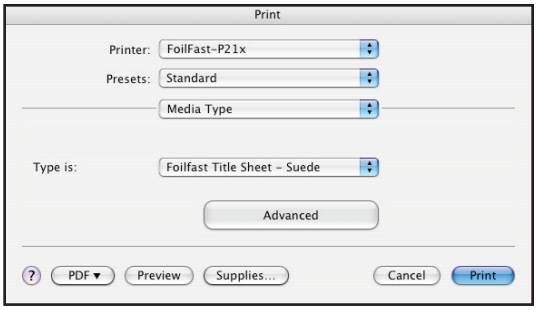

FIGURE 128

B. MULTIPLE COLOR PRINTING–FTS Suede

1. Choose Print from File menu.

NOTE: If you are using an Adobe program (Illustrator, InDesign, etc.) a print dialog box will appear that is unique to the Adobe programs. For non-Adobe programs, go directly to step 4.

The Adobe Print dialog box appears (Figure 125).

2. Click 'Printer...' button at the bottom of the Print window.

A warning appears (Figure 126).

3. Check the box labeled 'Don't Show Again' and click 'Continue.'

The Print dialog box appears (Figure 127).

NOTE: The appearance of this dialog box may vary.

4. Click and hold on the Print Properties pop-up menu (circled in red). A scroll box appears with several choices. Scroll down to 'Media Type' and release the mouse button.

The Media Type information appears in the Print dialog box appears (Figure 128). Select "Foilfast Title Sheet - Suede" from the "Type is" pop-up menu.

5. Click and hold on the third pop-up menu again. Scroll down to 'Print Mode' and release the mouse button.

The Print Mode information appears in the Print dialog box appears (Figure 129). Choose "Multiple Inks" in the "Mode is" menu.

6. Click and hold on the third pop-up menu again. Scroll down to 'Select Cartridges' and release the mouse button.

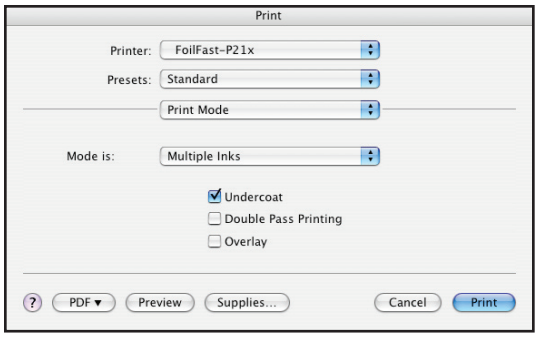

FIGURE 129

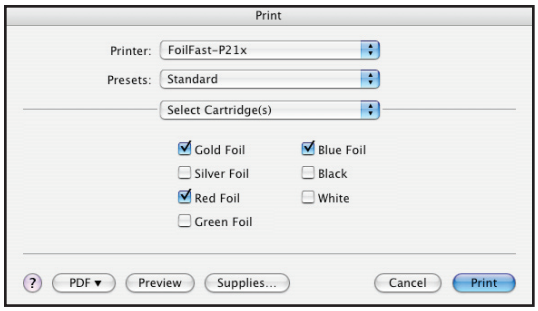

FIGURE 130

The Cartridge Selection information appears in the Print dialog box appears (Figure 130). Because "Multiple Inks" was chosen, you may now select as many of the cartridge colors as you wish.

NOTE: To avoid error messages, be sure that the colors you have chosen match the available cartridges in the Foilfast printer.

7. Load paper into the paper feed.

NOTE: Fastback Title sheets should be loaded one at a time to avoid jamming.

8. Click 'Print.'

For more information on the available printing choices, see *About Printing Properties*, Chapter VII.

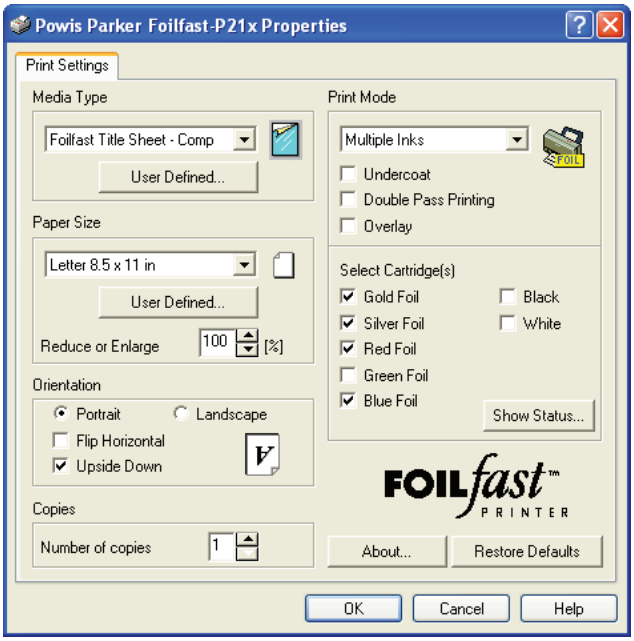

FIGURE 131

The Printing Properties window that appears after you have chosen either 'Properties' from the Print Window in most programs, or 'Preferences' from the Print Setup window in Adobe programs (InDesign, Illustrator), is the primary console for printing configuration with your Foilfast printer. Here is where you wil choose whether you want to print in one or more colors, whether you want to use the Foil Primer for an undercoat, which material you wish to print on, and more.

The Print Properites window has five sections:

- Media Type
- Paper Size
- Orientation
- Copies
- Print Mode

A. Media Type

In Media Type, you choose which material you are using to print. There are six choices available:

Foilfast Comp Cover - HIGH
Foilfast Comp Cover - LOW
Foilfast Coated Paper Cover
Foilfast ClearCover
Foilfast Title Sheet - Suede
Foilfast Title Sheet - Comp

1. Foilfast Comp Cover - HIGH

Used with the Foilfast Comp Covers available from Powis. This is the default setting.

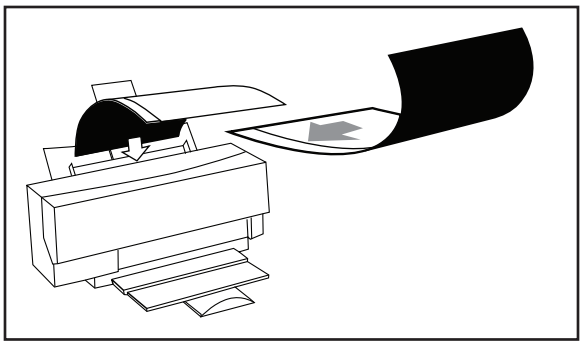

FIGURE 132

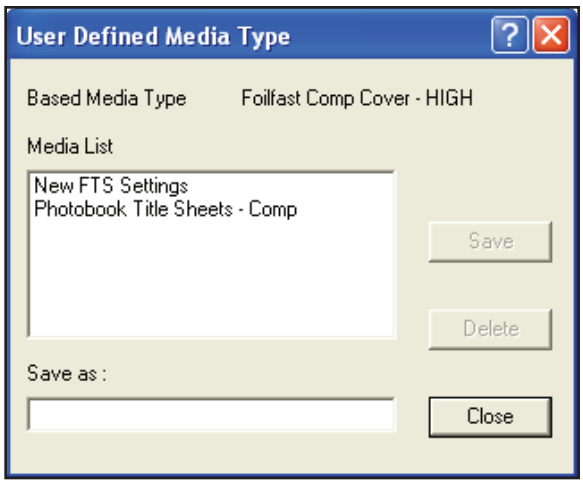

FIGURE 133

2. Foilfast Comp Cover - LOW

Used with the Foilfast Comp Covers available from Powis. This is setting is not normally used and is intended for use when problems occur using the standard HIGH setting.

3. Foilfast Coated Paper Cover

Used with Coated Paper Cover materials. If you intend to print on coated paper materials that are sold by a vendor other than Powis, make sure that you test the materials before proceeding.

4. Foilfast ClearCover

Used with Powis Clear Cover. This setting requires an undercoat of Foil Primer to achieve optimal results.

5. Foilfast Title Sheet - Suede

Used with Powis Suede Foilfast Title Sheets. This setting requires an undercoat of Foil Primer to achieve optimal results. For more information on Foilfast Title Sheets, see The Fastback Hardcover Guide Manual (P.N.: L5648).

5. Foilfast Title Sheet - Comp

Used with Powis Comp Foilfast Title Sheets. For more information on Foilfast Title Sheets, see The Fastback Hardcover Guide Manual (P.N.: L5648).

IMPORTANT: When printing Foilfast Title sheets, it is very important that the narrow release strip on the back of the Foilfast Title Sheet is on the left (Figure 132).

6. User Defined...

Click this button to save your individual settings. This is useful if you plan to use a certain confguration on a regular basis. To save your settings click the 'User Defined...' button in the Media Type section. The User Defined Document Type dialog box is displayed (Figure 133). Type the setting name of your choice in the "Save as" field, then click the Save button. Up to ten document types can be saved. To delete a document type, click the document type name you want to delete in the list, then click the Delete button.

B. Paper Size

In Paper Size, you choose the size of your paper or cover material. There are six standrad paper sizes listed:

- Letter 8.5 x 11 in
- Legal 8.5 x 14 in
- Half Letter 5.5 x 8.5 in
- A4 210 x 297 mm
- A5 148 x 210 mm
- B5 182 x 257 mm

- **User Defined...**

To open the User Defined Paper Size dialog box, select the User Defined... option from the Paper Size menu. In this dialog, you can create your custom size. Enter the width and length, and type the name of your custom size. Then click "Save" to save the settings. Up to ten settings can be saved. To delete a setting, click the saved name in the list, then click the Delete button.

- **Reduce or Enlarge**

Scaling can be set between 25% to 400%. This control is grayed out when you select "User Defined…" (including user defined names) for paper size. The default setting is 100%.

C. Orientation

Orientation determines the direction of the image as it prints on the cover, and whether it is right or reverse reading.

• Portrait/Landscape

Click one of the radio buttons to set the orientation to either Portrait or Landscape.

• Flip Horizontal

Turning on this option prints an image flipped horizontally, the mirror image of the document as it displays on your screen. You may want to use this feature when printing in black or white on Clear Covers.

• Upside Down check box

Check this box to rotate the image 180° when printing. Make sure this box in checked whenever you are printing with Foilfast Title Sheets.

D. Copies

You may enter the numbers of copies you wish to print here (optional). This feature is also available in the main Print Window.

E. Print Mode

This section is where you decide which and how many colors you wish to print.

- **Single Ink (one foil color)**

The Single Ink print mode allows a document to be printed in one specific color using any selected foil color cartridge. When you select Single Ink mode, all selectable cartridges are shown with radio buttons in the Select Cartridge(s) area. The default cartridge selection is Gold Foil.

- **Multiple Ink (multiple foil colors)**

This print mode allows a document to be printed in multi-color using any selected cartridges. When you select Multiple Ink mode, all selectable cartridges are shown with checkboxes in the Select Cartridge(s) area. You must select at least 1 and no more than 7 colors. The default cartridge is Gold Foil.

- **Undercoat**

The primer cartridge will be used for printing when Undercoat is checked. The primer cartridge is required for printing on Clear Covers, and it may improve the print quality on other print media. The default setting is Undercoat off.

- **Double Pass Printing**

When using sheets with a rough texture, you may want to check Double Pass Printing to increase the density of the foil. When Double Pass Printing is checked, the printer prints each line twice. This check box is grayed out when Foilfast ClearCovers is selected. In the Default setting, the Double Pass printing checkbox is not checked.

NOTE: Double Pass printing doubles the foil consumption rate.

- **Overlay**

This option allows two consecutive pages of a document to be printed on the same sheet.

- **Show Status**

Show Status checks the Foilfast for installed cartridges and how much foil is left in each cartridge.

F. About

Clicking the 'About' button displays the versions numbers for the Foilfast software and its components.

G. Restore Defaults

Click 'Restrore Defaults' to set the Foilfast software back to its factory settings.

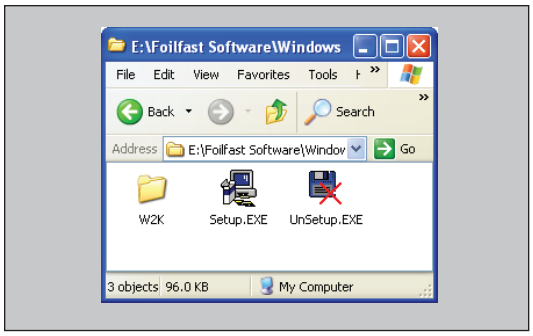

FIGURE 134

FIGURE 135

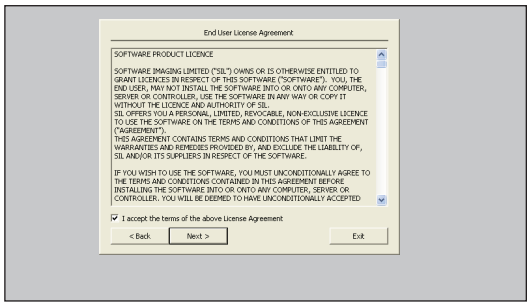

FIGURE 136

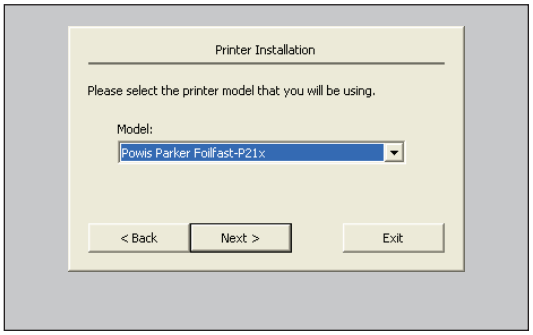

FIGURE 137

To access the printer installation software, insert the Software Installation CD in your CD drive and open the folder titled "Windows," or download the software from the Powis website (http://www.powis.com/software).

IMPORTANT: All previously installed Foilfast software must be removed before installing new Foilfast software. Please make sure that you have uninstalled all old Foilfast software before continuing.

1. Double click on the file titled "Setup.exe" (Figure 134).

The Printer Driver Installation screen appears (Figure 135).

NOTE: If you did not receive a disk with your printer, you can obtain the software from the Powis website at: http://www.powis.com/software.

2. Choose the language you prefer for installation. Click 'Next.'

The End User License Agreement dialog box appears (Figure 136). Please read the agreement carefully.

3. Click to check the box labeled "I accept the terms of the above License Agreement." If you do not agree to the license terms, click 'Exit.' Otherwise, click 'Next.'

The second Printer Installation dialog box appears (Figure 137).

4. Choose the appropriate printer. Click 'Next.'

The Available Platforms dialog box appears (Figure 138). Make sure that the appropriate software platform is chosen (Windows 2000/XP/2003). Under "Do you want to share this printer?" click the button labeled 'No.'

5. Click 'Next.'

The third Printer Installation dialog box appears (Figure 139).

6. The software will find the port that it determines is the most suitable choice for you computer. If you want to switch ports, click the arrow to the right of the chosen port and other available ports will appear.

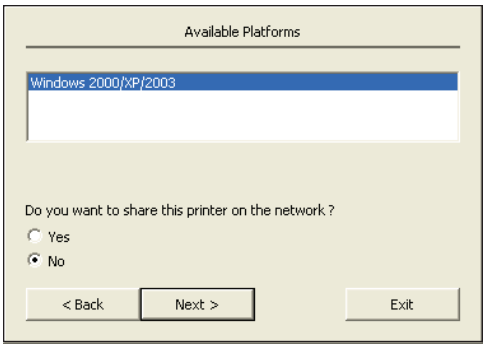

FIGURE 138

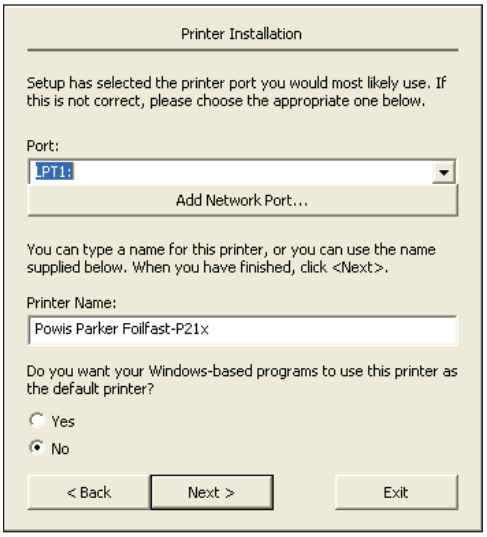

FIGURE 139

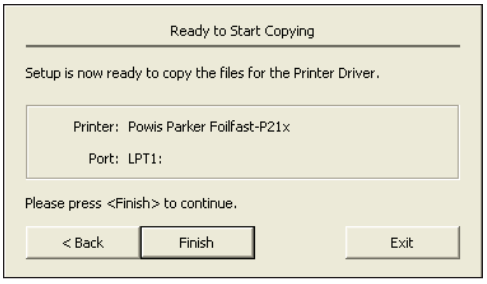

FIGURE 140

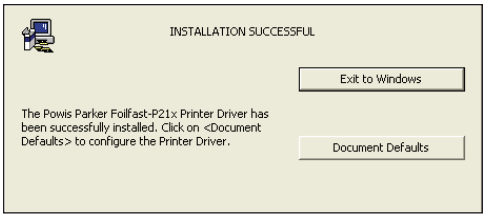

FIGURE 141

7. Under 'Printer Name' you can change the name of your printer as you wish.
8. If you wish to use the Foilfast printer as your default printer (not recommended), check the button labeled 'Yes.' The default is 'No.'
9 Click 'Next.'

The "Ready to Start Copying" dialog box appears (Figure 140).

10. Click Finish.

After the installation has finished, a dialog announcing that the installation was successful should appear (Figure 141).

10. Click 'Exit to Windows.'

Your printer is now ready to use. If, for any reason, your installation was not successful, remove all components of the Foilfast software from your computer and try again using a different Port. See Troubleshooting for more information or contact Powis Tech Support.

Problems	Solution
Cartridge is stuck in the carriage	1. Turn off the power. 2. Open the front cover and remove all cartridges on the cartridge holder plates. 3. Close the front cover, and turn on the power. The carriage will reset.

Problems	Solution
Power does not come on	1. Is the power cord disconnected? 2. Make sure the power cord is plugged into an outlet as well as connected to the printer. After checking the power cord, push the power button to turn on the printer. Is the printer plugged into an extension block or power strip? 3. After turning on the extension block or power strip, press the power button on the printer.

Problems	Solution
Printing is light, distorted, or has gaps	Stop the printing and reinstall all the cartridges. Take up any slack in the foils. If a particular cartridge repeatedly causes problems, try a different cartridge. Clean the head by following the directions in this guide for cleaning the printer and head. The platen often gets dirty at the same time as the head, so it is recommended to clean the platen after cleaning the head. Clean the platen by following the directions in this guide. If anything is stuck to the platen, remove it, being careful not to damage the platen. The platen often gets dirty at the same time as the head so it is recommended to clean the platen as well as the head. If cleaning the head and the platen does not work, contact the Fastback dealer from whom you purchased the printer.

Problems	Solution
Printer does not print or stops while printing	Before printing make sure the printer is turned on. Make sure that the front cover is closed properly. Press the ready/insert button and make sure that the ready light comes on. After connecting the cable, make sure nothing is putting pressure on the cable, and tighten the fastening screws and clamps to secure the cable. Remove the sheet. If the sheet is caught in the rollers, open the front cover, push down on the release lever, and gently remove the sheet. Recheck the printer settings in the application. NOTE: To use the parallel port for P21x printing you will have to set the printer port to LPT1 and not use the PPI_LPT1 port Install the printer driver from the Installation Disc. When one of the followings occurs, it is possible that the cable is broken or disconnected. 1) The gauge in the Print dialog box does not progress. 2) The "Out of Sheets" message appears repeatedly. Replace the cable with a new one. Are you using a printer selection switch or a printer buffer? With bi-directional interfaces, operation is sometimes unreliable when using printer switching boxes or printer buffers. If you are using a printer selection switching box or printer buffer, use one-way communication. Do not use a cable that is longer than you need. The signals become more unstable as the cable gets longer. Use the correct cartridges. The Foilfast printer will only accept Foilfast™ premium foil cartridges. Insert cartridges in the holders with the B side up. When the foil in a cartridge has been spent, black and silver stripes will be visible on the ribbon. Install a new cartridge. After replacing the cartridge, printing will continue from where it left off. Do you have enough hard disk space? The Foilfast requires work space on the hard disk when it prints. Keep enough free disk space to ensure that you can print without problems.

Problems	Solution
Printing is not working or is extremely slow	Make sure there is enough space on your hard disk. (The working space is released once printing is finished.) Some applications have color printing enable/disable settings. Some applications do not support color printing. Read the manual for the application and check the color settings. When very little memory is available for print processing, printing may take a long time or fail. Close as many applications as possible and try again. Handling color images requires a lot of memory for the application and for the data. Sometimes there is insufficient memory left for printing. Make sure your computer has enough memory to print the size of images you are using. General protection fault errors can occur when there is insufficient memory for color printing or when part of the hard disk has become corrupted. After decreasing the size of the print data or scanning the hard disk, try printing again. The time required for printing can increase dramatically if the free space on the disk drive is extremely fragmented. Clean up your files and defragment the disk by periodically running a utility like DEFRAG, which comes with Windows.

Problems	Solution
Printer makes strange noises when the power is turned on, and the error lights blink	Has the carriage packing material been removed? Refer to Chapter III of this guide for detailed unpacking instructions. Has the packing tape on the case been removed? Refer to Chapter III of this guide for detailed unpacking instructions. Cork pieces Has a cartridge become dislodged from a cartridge holder? Open the front cover and make sure the cartridges are correctly installed.

Problems	Solution
Paper is not feeding correctly or not ejecting correctly from the sheet feeder	The cover material you are using may not be copmatible with the Foilfast printer. A curled sheet will cause sheet jams. The sheet should be curled the opposite way to flatten it out before it is used. Sheets with folded or cut corners can cause problems if the sheet does not activate the position sensor and sheet length sensor properly. Set the feed guide so that there is approximately 0.02" between it and the sheets themselves. The sheet feeder can hold up to 10 composition covers, 1 Clear Cover, or 1 Foilfast Title Sheet. Composition covers should be between 16 – 18.5 points thick (.0157 – .0180 inches). Clear covers should be between 6.5 – 7.5 points thick (.0065 – .0075 inches). Covers that fall outside the bounds of these thickness ranges may work in the Foilfast printer, but Powis Parker does not recommend using them. Covers that fall substantially beyond these thickness ranges may damage the printer's feeding mechanism and may void your warranty. Make sure nothing is on the output tray as this can cause sheet jams. Sheets must fanned at least once before they are loaded into the sheet feeder. If not, sheets may stick to one another, and cause multiple sheets to feed into the printer at one time, or other forms of misfeeding.

X SPECIFICATIONS

Power Requirements:	USA: 115 VAC, 60 Hz, 0.65 amps EU: 230 VAC, 50 Hz, 0.3 amps Japan: 100 VAC, 50 Hz, 0.7 amps
Recommended Operating Temperature and Humidity:	15 to 35 degrees (C), 59 to 95 degrees (F) Humidity Range: 5 to 80% RH noncondensing
Maximum Weight:	12 lbs. (5.4 kg)
Dimensions:	18.2"W × 7.5"H × 11.8"D 46.2cm W × 19cm H × 30cm D
Average Printing Time:	1.5 Minutes

- Modifications made to the product, unless expressly approved by Powis Parker, could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or locate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

DECLARATION OF CONFORMITY
We, Powis Parker, Incorporated
775 Heinz Avenue
Berkeley, CA 94710 U.S.A
1-800-321-2463
declare under our sole responsibility that the product
Foilfast P-21x Printer
complies with Part 15 of FCC Rules.
Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

- Binder does not contain any user serviceable parts. Return unit to an authorized Powis Parker representative for repair or service.

POWIS PARKER PART NUMBERS FOR YOUR REFERENCE:

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