

PDL Reference Guide for  
the Xerox<sup>®</sup> VersaLink<sup>®</sup>  
C8000/C9000 Series  
Customer Tip

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# Preface

This document enables you to access the extended features of the VersaLink C8000/C9000 in environments that do not have a custom driver. This document provides the PJP or PCL commands and syntax for each feature. This document is not intended to be a complete PJP or PCL reference manual: it is a guide for using the documented PJP and PCL commands with VersaLink C8000/C9000.

**Note:** Some of the commands and syntax used in this document requires familiarity with either Printer Job Language commands (PJP) or Printer Command Language (PCL).

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## Using This Guide

1. Search the Feature Table to determine whether the feature you wish to use is supported.
2. Verify that the feature is supported by the platform. For example, the VersaLink C8000/C9000 must have the Finisher option installed to use stapling commands.
3. Following across the table to find the syntax listed for the PDL examples shown.
4. Read the Dependencies/Caveats section.

# PCL

This VersaLink C8000/C9000 supports PCL5e and PCL XL Color emulations that enable the features listed in the following table.

Feature	Description
Job Name	Job Name
Custom Paper Size	This command specifies the customer designated media size.
Media Size	This command specifies the size of media on which to print the job.
Media Source	This command specifies the tray to supply the job's media.
Output Location	Indicates the output bin where the print job is sent.
Stapling	This command indicates use and location of staple(s).
Punch	This command indicates hole punches for a print job on a device with hole punch capability.
Folding	This command indicates to fold the print job.
Booklet	This command enables you to print documents as small booklets. The pages are reordered sequentially and are oriented so that when they are folded, the paging is correct.
Quantity	Use this command to specify the number of collated sets of a document.
Resolution	This command sets the resolution value.
Bits Per Pixel	This command sets the color depth value.
Copies	Use this command to specify the number of uncollated sets of a document in a print job.
Simplex	Deliver one-sided output
Duplex	Deliver two-sided output
Orientation	Landscape or Portrait
Force Short Feeding Edge	The values indicate the feed edge to use.
Job Mode	Specify Job Mode
Job Type (Secure Print / Proof Print / Box Print)	You can specify Confidential Print or Proof Print
Job Based Accounting	This command is used to pass accounting codes to a printer enabled for Job Based Accounting.
Banner Sheet	This command turns on/off the banner sheet that prints at the beginning of every job.

# PCL/PJL Implementation

This section describes the PCL commands for specific features. This table lists each feature and the PCL syntax that is required to use the feature. Following this table are examples of how to use these commands and what the PCL file looks like.

Feature	Implementation	Values
<b>Job Name</b>	@PJL SET JOBNAME = "jobname-string"	Where jobname-string is a maximum of 32 characters Exclude ["](22H) character
<b>Custom Paper Size</b>	You have to specify by PCL: <ESC>&I101A Not in PJL command.	Width of Custom Paper is specified by <ESC>&f#l where # = decipoints for (89.0 – 320)mm. Length of Custom Paper is specified by <ESC>&f#J where # = decipoints for (98 - 483)mm. For instance: 4.25-inch x 5.5-inch will give <ESC>&f3060l3960J by 4.25-inch x 720 decipoints/inch = 3060 and 5. 5-inch x 720 decipoints/inch = 3960.
<b>Media Size</b>	@PJL SET PAPER = value	Where value is one of the following: A5 = A5 (148 x 210mm) † A4 = A4 (210 x 297mm) A3 = A3 (297 x 420mm) JISB5 = B5 (182 x 257mm) † JISB4 = B4 (257 x 364mm) STATEMENT = Statement (5.5 x 8.5") † EXECUTIVE = Executive (7.25 x 10.5") † LETTER = Letter (8.5 x 11") JISEXEC = 8.5 x 13" LEGAL = Legal (8.5 x 14") LEDGER = Tabloid (11 x 17") 12X18 = Oversized Tabloid (12 x 18") † SA3 = SRA3 (320 x 450mm) † †: Whether each paper is available depends on NV memory setting.
		The following paper sizes are available with Envelope feeder or Bypass tray. COM10 = No. 10 Envelope (4.1 x 9.5") MONARCH = Monarch Envelope (3.9 x 7.5") DL = DL Envelope (110 x 220mm) C4 = C4 Envelope (229 x 324mm) YOUKEI2 = C6 Envelope (114 x 162mm)
		The following paper sizes are only available with Bypass tray.

Feature	Implementation	Values
		<p>A6 = A6 (105 x 148mm)  8X10 = 8x10(8 x 10")  SPANISH = 215x315mm(8.46x12.4")  11X15 = 11 x 15"  A4COVER = A4 Cover (223 x 297mm)  LETTERCOVER = 9 x 11"  POSTCARD = Postcard (4 x 6")  50X70 = 5 x 7"  C5 = C5 Envelope (162 x 229mm)</p>
	<ESC>&I int A	<p>Where value is one of the following:  25 = A5 (148 x 210mm) †  26 = A4 (210 x 297mm)  27 = A3 (297 x 420mm)  45 = B5 (182 x 257mm) †  46 = B4 (257 x 364mm)  41 = Statement (5.5 x 8.5") †  1 = Executive (7.25 x 10.5") †  2 = Letter (8.5 x 11")  18 = 8.5 x 13"  3 = Legal (8.5 x 14")  6 = Tabloid (11 x 17")  213 = Oversized Tabloid (12 x 18") †  197 = SRA3 (320 x 450mm) †  † Whether each paper is available depends on NV memory setting.</p> <p>The following paper sizes are available with Envelope feeder or Bypass tray.  81 = No. 10 Envelope (4.1 x 9.5")  80 = Monarch Envelope (3.9 x 7.5")  90 = DL Envelope (110 x 220mm)</p> <p>The following paper sizes are only available with Bypass tray.  24 = A6 (105 x 148mm)  208 = 8 x 10"  43 = 215 x 315mm  200 = A4 Cover (223 x 297mm)  201 = 9 x 11"  216 = Postcard (4 x 6")  204 = 5 x 7"  217 = 11 x 15"  91 = C5 Envelope (162 x 229mm)</p>
<b>Media Source</b>	@PJL SET MEDIASOURCE = value	<p>Where value is one of the following:  TRAY1: Feed from paper tray1  TRAY2: Tray2  TRAY3: Tray3  TRAY4: Tray4  TRAY5: Tray5 (Bypass)  TRAY6: Tray6</p>



Feature	Implementation	Values
	<ESC>&I int H	Where int is one of the following: 0: Feed paper from default tray 4: Tray1 1: Tray2 5: Tray3 8: Tray4 20: Auto 2 or 3: Tray5 (Bypass) 21: Tray6
<b>Output Location</b>	@PJL SET OUTBIN = value	Where value is one of the following: UPPER: Main tray (Hewlett-Packard compatible) MAINTRAY: Main tray CENTERTRAY: Center Tray MAINTRAY2: Center Tray - Upper MAINTRAY3: Right Top Tray (w/ C3-Finisher) OUTBIN101: Finisher Tray (w/ GA-Finisher or SB-Finisher or C3-Finisher) BOOKLETRAY: Right Bottom Tray(Booklet Maker) (w/ C3-Finisher and booklet module) FOLDERTRAY: folder tray (w/ C3-Finisher and booklet module)
	<ESC>&I int G	Where int is one of the following: 0: Automatic Selection 1: Center Tray 4: Center Tray - Upper 6: Finisher Tray (w/ GA-Finisher or SB-Finisher or C3-Finisher)
<b>Stapling</b>	@PJL SET STAPLE = <i>value</i>	Where value is one of the following: TOPDUAL TOPLEFT TOPRIGHT BOTTOMDUAL BOTTOMLEFT BOTTOMRIGHT LEFTDUAL RIGHTDUAL SADDLE TOPQUAD BOTTOMQUAD LEFTQUAD RIGHTQUAD NONE

Feature	Implementation	Values
<b>Punch</b>	@PJL SET PUNCH = value1 @PJL SET JOBATTR = @PNHN = value2"	Where value1 is one of the following: TOP RIGHT LEFT BOTTOM NONE  Where value2 is one of the following: TWO: 2 holes THREE: 3 holes FOUR: 4 holes
<b>Folding</b>	@PJL SET JOBATTR = "@FOLD = value1"	Where value1 is one of the following: BIFOLDINSIDE : Bi-Folding(single page) Print Inside BIFOLDOUTSIDE : Bi-Folding(single page) Print Outside BIFOLDMULTIOUTSIDE : Bi-Folding(multi page) The "Collated" feature needs to be enabled for the booklet functions to work. LETTERCFOLDINSIDE : C Fold Print Inside LETTERCFOLDOUTSIDE : C Fold Print Outside LETTERZFOLDINSIDE : Z Tri Fold Print Inside LETTERZFOLDOUTSIDE : Z Tri Fold Print Outside ZFOLDLEFT : Z Fold Half Sheet Left Bind ZFOLDRIGHT : Z Fold Half Sheet Right Bind
<b>Booklet</b>	@PJL SET JOBATTR = "@BKLT = value1"	Where value1 is one of the following: NONEDIVIDE : Compile a booklet as long as the number of sheets does not exceed the limit AUTODIVIDE : Divide sheets into sets automatically in case of exceeding the limit number of sheets. MANUALDIVIDE : Divide sheets based on the specified limit manually OFF : Do not compile a booklet
	@PJL SET JOBATTR = "@BKSG = value2"	Where value2 is one of the following: RIGHT : Right to left page order binding LEFT : Left to right page order binding
	@PJL SET JOBATTR = "@BKDN = int1"	Where int1 is: 1-9999 : Booklet dividing number for each set
	@PJL SET JOBATTR = "@BKTP = int2"	Where int2 is: 1-9999 : Booklet total pages of document
<b>Quantity</b>	@PJL SET QTY = int	Where int is: 1-999 (If you use this parameter, it also indicates use collate mode automatically.)

Feature	Implementation	Values
<b>Resolution</b>	@PJL SET RESOLUTION = value	Where value is one of the following: 600
<b>Bits Per Pixel</b>	@PJL SET BITSPERPIXEL = value	Where value is one of the following: 1: 1 bit per pixel (per plane)
<b>Copies</b>	@PJL SET COPIES = int	Where int is: 1-999 (This parameter used for uncollated mode.)
	<ESC>&I int X	Where int is: 1-999
<b>Simplex</b>	@PJL SET DUPLEX =value1	Where value1 is one of the following: OFF: simplex
	<ESC>&I int S	Where int is one of the following: 0: simplex
<b>Duplex</b>	@PJL SET DUPLEX = value1 @PJL SET BINDING = value2	Where value1 is one of the following: ON: duplex Where value2 is one of the following: LONGEDGE SHORTEDGE (value2 is used combined with value1=ON)
	<ESC>&I int S	Where int is one of the following: 1: Duplex Long Edge Binding 2: Duplex Short Edge Binding
<b>Orientation</b>	@PJL SET ORIENTATION = value	Where value is one of the following: PORTRAIT LANDSCAPE
	<ESC>&I int O	Where int is one of the following: 0: Portrait 1: Landscape 2: Reverse Portrait 3: Reverse Landscape
<b>Force short edge feeding</b>	@PJL SET PAPERDIRECTION = VALUE	Where value is one of the following: SEF: Short Edge Feed LEF: Long Edge Feed
<b>Job Mode</b>	@PJL JOB MODE = VALUE	Where value is one of the following: PRINTER: for Printer

Feature	Implementation	Values
<b>Job Type (Secure Print / Proof)</b>	@PJL SET HOLD = value1 @PJL SET HOLDKEY = "string"	Where value1 is one of the following: PROOF: proof print STORE: confidential print (secure print)  The HOLDKEY variable acts as a password without encryption to protect a held job. string is a maximum of 16 character (legal value 20H-FFH) as password without encryption. The default value is "". When ""(empty string) is specified, no password is required.
<b>Job Based Accounting</b>	@PJL SET JOBATTR = "@JOAU = string1" @PJL SET JOBATTR = "@JOAP = string2" @PJL SET JOBATTR = "@DAID = string3"	Where string1 is a maximum of 32 character (legal value: 20H-7EH) as job owner (Capital character & small character is distinguished)  Where string2 is a maximum of 12 character (legal value: 20H-7EH) as password without encryption. It can be null (zero length string)  Where string3 is a maximum of 32 character (legal value 20H-7EH) as account ID. It can be null (zero length string)
<b>Banner Sheet</b>	@PJL SET JOBATTR = "@BANR=value"	Where value is one of the following: START: start sheet DEVICE: depend on device setting OFF: no banner sheet

## PCL/PJL Feature Dependencies/Caveats

- All PJL commands must be in the first 2,500 bytes of the job.
- To combine printer escape commands (not including PJL commands):
  - The first two characters after the <esc> MUST be the same.
  - All alpha characters MUST be lowercase, except the final terminating character.
  - The commands are read left to right. Combine commands in the order you wish them to execute.
  - For example, combine print 5 copies (<ESC>&|5X) and use letter size (<ESC>&|2A) as <ESC>&|5x2A.
- In case of duplicate commands, the last one requested takes precedence.
- The @PJL SET COPIES takes precedence over the PCL Escape Command (<ESC>& | int X) to set copies. In general, a PJL command takes precedence over a PCL command.
- Valid media sizes for duplexing are between 128.0 x 140.0mm and 320.0 x 483.0mm.
- Valid media sizes for stapling include A4 (210 x 297mm), A3 (297 x 420mm), B5 (182 x 257mm), B4 (257 x 364mm), Executive (7.25 x 10.5"), Letter (8.5 x 11"), 8.5 x 13", Legal (8.5 x 14"), Tabloid (11 x 17") for Finisher GA/SB/C3. For Finisher SB/C3, 8 x 10", 215 x 315mm, 11 x 15", A4 Cover, 9 x 11" are also valid.

# PJL Template

This section illustrates a standard PJL template that is used to access general print features as well as VersaLink C8000/C9000 Product specific features. This template lists each feature and the syntax, both PCL commands and PJL, required to use these features.

## **Section 1 (Opening Command, Required for all files)**

```
<ESC>%-12345X@PJL JOB MODE=PRINTER
```

## **Section 2 (PJL Set Commands)**

```
@PJL SET RESOLUTION=600
```

```
@PJL SET COPIES=1
```

## **Section 3 (PCL Code used to invoke PCL Language)**

```
@PJL ENTER LANGUAGE=PCL
```

## **Section 4 (PCL Data Stream or ASCII Document inserted here for Options such as selection Different Fonts, Simplex, Duplex, etc.)**

## **Section 5 (Closing Command, Required at end of Document)**

```
<ESC>%-12345X@PJL EOJ
```

# Sample PJJ Headers

## Example 1 Simple Print

```
<ESC>%-12345X@PJJ JOB MODE=PRINTER<CR><LF>  
@PJJ COMMENT Beginning PCL Job<CR><LF>  
@PJJ SET OUTBIN=MAINTRAY<CR><LF>  
@PJJ SET QTY=1<CR><LF>  
@PJJ SET RESOLUTION=600<CR><LF>  
@PJJ SET JOBATTR="@JOAU=Nagaoka" <CR><LF>
```

## Example 2 Finishing Options (Stapling)

```
<ESC>%-12345X@PJJ JOB MODE=PRINTER<CR><LF>  
@PJJ SET OUTBIN=OUTBIN101<CR><LF>  
@PJJ SET FINISH=ON<CR><LF>  
@PJJ SET STAPLE=TOPLEFT<CR><LF>
```

## Example 3 Finishing Options (Punch)

```
<ESC>%-12345X@PJJ JOB MODE=PRINTER<CR><LF>  
@PJJ SET OUTBIN=OUTPIN101<CR><LF>  
@PJJ SET FINISH=ON<CR><LF>  
@PJJ SET PUNCH=LEFT<CR><LF>  
@PJJ SET JOBATTR="@PNHN=TWO"<CR><LF>
```

## Example 4 Finishing Options (Saddle stapling and folding)

*It is an example of division in every 5 sheets.*

```
<ESC>%-12345X@PJJ JOB MODE=PRINTER<CR><LF>  
@PJJ SET OUTBIN=BOOKLETTRAY<CR><LF>  
@PJJ SET FINISH=ON<CR><LF>  
@PJJ SET STAPLE=SADDLE<CR><LF>  
@PJJ SET JOBATTR="@FOLD=BIFOLDMULTIOUTSIDE"<CR><LF>  
@PJJ SET JOBATTR="@BKLT=MANUALDIVIDE"<CR><LF>  
@PJJ SET JOBATTR="@BKSG=LEFT"<CR><LF>  
@PJJ SET JOBATTR="@BKDN=5"<CR><LF>
```

### **Example 5 Finishing Options (Bi-Folding (multi page))**

*It is an example of division in every 5 sheets.*

```
<ESC>%-12345X@PJL JOB MODE=PRINTER<CR><LF>
@PJL SET OUTBIN=BOOKLETRAY<CR><LF>
@PJL SET FINISH=NONE<CR><LF>
@PJL SET STAPLE=NONE <CR><LF>
@PJL SET JOBATTR="@FOLD=BIFOLDMULTIOUTSIDE"<CR><LF> @PJL SET
JOBATTR="@BKLT=MANUALDIVIDE"<CR><LF>
@PJL SET JOBATTR="@BKSG=LEFT"<CR><LF>
@PJL SET JOBATTR="@BKDN=5"<CR><LF>
@PJL SET QTY=1<CR><LF>
```

### **Example 6 Finishing Options (Bi-Folding (single page))**

```
<ESC>%-12345X@PJL JOB MODE=PRINTER<CR><LF>
@PJL SET OUTBIN=BOOKLETRAY<CR><LF>
@PJL SET FINISH=NONE<CR><LF>
@PJL SET STAPLE=NONE <CR><LF>
@PJL SET JOBATTR="@FOLD=BIFOLDINSIDE"<CR><LF>
@PJL SET JOBATTR="@BKSG=LEFT"<CR><LF>
```

### **Example 7 Proof Print**

```
<ESC>%-12345X@PJL JOB MODE=PRINTER<CR><LF>
@PJL SET HOLD=PROOF <CR><LF>
@PJL SET USERNAME="John" <CR><LF>
@PJL SET JOBNAME="Job1" <CR><LF>
```

### **Example 8 Confidential (Secure) Print without encryption**

*Password: 1234*

```
<ESC>%-12345X@PJL JOB MODE=PRINTER<CR><LF>
@PJL SET HOLD=STORE <CR><LF>
@PJL SET HOLDKEY="1234"<CR><LF>
@PJL SET USERNAME="John" <CR><LF>
@PJL SET JOBNAME="Job1" <CR><LF>
```



### **Example 9 Banner Sheet**

*banner : start sheet*

```
@PJL SET JOBATTR="@BANR=START"<CR><LF>
```

```
@PJL SET JOBATTR="@BCMT=Banner Comment String"<CR><LF>
```

### **Example 10 Job Based Accounting and Auditron**

*userID: Patricia, Password: none, accountID: none*

```
<ESC>%-12345X@PJL JOB MODE=PRINTER<CR><LF>
```

```
@PJL SET JOBATTR="@JOAU=Patricia"<CR><LF>
```

```
@PJL SET JOBATTR="@JOAP="<CR><LF>
```

```
@PJL SET JOBATTR="@DAID="<CR><LF>
```

## PCL Fonts

The following PCL fonts are resident on the device. Each of these commands references a 12-point font. If you wish to use any other point size, change the 12v to the desired size (.25 – 999.75). The commands listed use the default symbol set, Roman-8. To change the symbol set, include the alternate symbol set after the first <ESC> and before the second <ESC>. Use the line printer example as a reference.

Font Name	PCL Escape Command
Albertus Medium	<esc><esc>(s1p12v0s1b4362T
Albertus Extra Bold	<esc><esc>(s1p12v0s4b4362T
Antique Olive	<esc><esc>(s1p12v0s0b4168T
Antique Olive Bold	<esc><esc>(s1p12v0s3b4168T
Antique Olive Italic	<esc><esc>(s1p12v1s0b4168T
Arial	<esc><esc>(s1p12v0s0b16602T
Arial Bold	<esc><esc>(s1p12v0s3b16602T
Arial Italic	<esc><esc>(s1p12v1s0b16602T
Arial Bold Italic	<esc><esc>(s1p12v1s3b16602T
CG Times	<esc><esc>(s1p12v0s0b4101T
CG Times Bold	<esc><esc>(s1p12v0s3b4101T
CG Times Italic	<esc><esc>(s1p12v1s0b4101T
CG Times Bold Italic	<esc><esc>(s1p12v1s3b4101T
CG Omega	<esc><esc>(s1p12v0s0b4113T
CG Omega Bold	<esc><esc>(s1p12v0s3b4113T
CG Omega Italic	<esc><esc>(s1p12v1s0b4113T
CG Omega Bold Italic	<esc><esc>(s1p12v1s3b4113T
Clarendon Condensed	<esc><esc>(s1p12v4s3b4140T
Coronet	<esc><esc>(s1p12v1s0b4116T
Courier	<esc><esc>(s1p12v0s0b4099T
Courier Bold	<esc><esc>(s1p12v0s3b4099T
Courier Italic	<esc><esc>(s1p12v1s0b4099T
Courier Bold Italic	<esc><esc>(s1p12v1s3b4099T
Garamond Antiqua	<esc><esc>(s1p12v0s0b4197T
Garamond Halbfett	<esc><esc>(s1p12v0s3b4197T
Garamond Kursiv	<esc><esc>(s1p12v1s0b4197T

<b>Font Name</b>	<b>PCL Escape Command</b>
Garamond Kursiv Halbfett	<esc><esc>(s1p12v1s1b4197T
Line Printer (Roman-8)	<esc>(8U<esc>(s0p16.67h8.5v0s0b0T
Line Printer (Latin-1)	<esc>(0U<esc>(s0p16.67h8.5v0s0b0T
Line Printer (PC-8)	<esc>(10U<esc>(s0p16.67h8.5v0s0b0T
Line Printer (PC-8 D/N)	<esc>(11U<esc>(s0p16.67h8.5v0s0b0T
Line Printer (PC-850)	<esc>(12U<esc>(s0p16.67h8.5v0s0b0T
Line Printer (Legal)	<esc>(1U<esc>(s0p16.67h8.5v0s0b0T
Marigold	<esc><esc>(s1p12v0s0b4297T
Times New	<esc><esc>(s1p12v0s0b16901T
Times New Bold	<esc><esc>(s1p12v0s3b16901T
Times New Italic	<esc><esc>(s1p12v1s0b16901T
Times New Bold Italic	<esc><esc>(s1p12v1s3b16901T
Symbol	<esc>(19M<esc>(s1p12v0s0b16686T
Wingdings	<esc>(579L<esc>(s1p12v0s1b31402T
Univers Bold	<esc><esc>(s1p12v0s3b4148T
Univers Bold Italic	<esc><esc>(s1p12v1s3b4148T
Univers Bold Condensed	<esc><esc>(s1p12v4s3b4148T
Univers Bold Condensed Italic	<esc><esc>(s1p12v5s3b4148T
Univers Medium	<esc><esc>(s1p12v0s0b4148T
Univers Medium Italic	<esc><esc>(s1p12v1s0b4148T
Univers Medium Condensed	<esc><esc>(s1p12v4s0b4148T
Univers Medium Condensed Italic	<esc><esc>(s1p12v5s0b4148T
Letter Gothic	<esc><esc>(s1p12h0s0b4102T
Letter Gothic Italic	<esc><esc>(s1p12h1s0b4102T
Letter Gothic Bold	<esc><esc>(s1p12h0s3b4102T
Times Roman	<esc><esc>(s1p12h0s3b4102T
Times Italic	<esc><esc>(s1p12h0s3b4102T
Times Bold	<esc><esc>(s1p12h0s3b4102T
Times Bold Italic	<esc><esc>(s1p12h0s3b4102T
Helvetica	<esc><esc>(s1p12v0s0b24580T
Helvetica Oblique	<esc><esc>(s1p12v1s0b24580T
Helvetica Bold	<esc><esc>(s1p12v0s3b24580T
Helvetica Bold Oblique	<esc><esc>(s1p12v1s3b24580T
CourierPS	<esc><esc>(s0p12h0s0b24579T

<b>Font Name</b>	<b>PCL Escape Command</b>
CourierPS Oblique	<esc><esc>(s0p12h1s0b24579T
CourierPS Bold	<esc><esc>(s0p12h0s3b24579T
CourierPS Bold Oblique	<esc><esc>(s0p12h1s3b24579T
SymbolPS	<esc>(19M<esc>(s1p12v0s0b45358T
Palatino Roman	<esc><esc>(s1p12v0s0b24591T
Palatino Italic	<esc><esc>(s1p12v0s0b24591T
Palatino Bold	<esc><esc>(s1p12v0s0b24591T
Palatino Bold Italic	<esc><esc>(s1p12v0s0b24591T
ITC Bookman Light	<esc><esc>(s1p12v0s-3b24623T
ITC Bookman Light Italic	<esc><esc>(s1p12v1s-3b24623T
ITC Bookman Demi	<esc><esc>(s1p12v0s2b24623T
ITC Bookman Demi Italic	<esc><esc>(s1p12v1s2b24623T
Helvetica Narrow	<esc><esc>(s1p12v4s0b24580T
Helvetica Narrow Oblique	<esc><esc>(s1p12v5s0b24580T
Helvetica Narrow Bold	<esc><esc>(s1p12v4s3b24580T
Helvetica Narrow Bold Oblique	<esc><esc>(s1p12v5s3b24580T
New Century Schoolbook Roman	<esc><esc>(s1p12v0s0b24703T
New Century Schoolbook Italic	<esc><esc>(s1p12v1s0b24703T
New Century Schoolbook Bold	<esc><esc>(s1p12v0s3b24703T
New Century Schoolbook Bold Italic	<esc><esc>(s1p12v1s3b24703T
ITC Avant Garde Book	<esc><esc>(s1p12v0s0b24607T
ITC Avant Garde Book Oblique	<esc><esc>(s1p12v1s0b24607T
ITC Avant Garde Demi	<esc><esc>(s1p12v0s2b24607T
ITC Avant Garde Demi Oblique	<esc><esc>(s1p12v1s2b24607T
ITC Zapf Chancery Medium Italic	<esc><esc>(s1p12v1s0b45099T
ITC Zapf Dingbats	<esc><esc>(s1p12v0s0b45101T

## PostScript Fonts

The following PostScript fonts are resident with Adobe interpreter.

Font	Font
Albertus	Helvetica Condensed Oblique
Albertus Italic	Helvetica Condensed Bold
Albertus Light	Helvetica Condensed Bold Oblique
Antique Olive Roman	Hoefler Text
Antique Olive Italic	Hoefler Text Italic
Antique Olive Bold	Hoefler Text Black
Antique Olive Compact	Hoefler Text Black Italic
Apple Chancery	Hoefler Ornaments
Arial	Joanna
Arial Italic	Joanna Italic
Arial Bold	Joanna Bold
Arial Bold Italic	Joanna Bold Italic
ITC Avant Garde Gothic Book	Letter Gothic
ITC Avant Garde Gothic Book Oblique	Letter Gothic Slanted
ITC Avant Garde Gothic Demi	Letter Gothic Bold
ITC Avant Garde Gothic Demi Oblique	Letter Gothic Bold Slanted
Bodoni Roman	ITC Lubalin Graph Book
Bodoni Italic	ITC Lubalin Graph Book Oblique
Bodoni Bold	ITC Lubalin Graph Demi
Bodoni Bold Italic	ITC Lubalin Graph Demi Oblique
Bodoni Poster	Marigold
Bodoni Poster Compressed	Monaco
ITC Bookman Light	ITC Mona Lisa Recut
ITC Bookman Light Italic	New Century Schoolbook Roman
ITC Bookman Demi	New Century Schoolbook Italic
ITC Bookman Demi Italic	New Century Schoolbook Bold
Carta	New Century Schoolbook Bold Italic
Chicago	NewYork
Clarendon Roman	OCR-B Letterpress M
Clarendon Bold	Optima Roman
Clarendon Light	Optima Italic
Cooper Black	Optima Bold
Cooper Black Italic	Optima Bold Italic
Copperplate Gothic 32BC	Oxford
Copperplate Gothic 33BC	Palatino Roman

Font	Font
Coronet	Palatino Italic
Courier	Palatino Bold
Courier Oblique	Palatino Bold Italic
Courier Bold	Stempel Garamond Roman
Courier Bold Oblique	Stempel Garamond Italic
Eurostile Medium	Stempel Garamond Bold
Eurostile Bold	Stempel Garamond Bold Italic
Eurostile Extended No. 2	Symbol
Eurostile Bold Extended No. 2	Tekton Regular
Geneva	Times Roman
Gill Sans	Times Italic
Gill Sans Italic	Times Bold
Gill Sans Bold	Times Bold Italic
Gill Sans Bold Italic	Times New Roman
Gill Sans Light	Times New Roman Italic
Gill Sans Light Italic	Times New Roman Bold
Gill Sans Extra Bold	Times New Roman Bold Italic
Gill Sans Condensed	Univers 45 Light
Gill Sans Condensed Bold	Univers 45 Light Oblique
Goudy Oldstyle	Univers 55
Goudy Oldstyle Italic	Univers 55 Oblique
Goudy Bold	Univers 65 Bold
Goudy Bold Italic	Univers 65 Bold Oblique
Goudy Extra Bold	Univers 57 Condensed
Helvetica	Univers 57 Condensed Oblique
Helvetica Oblique	Univers 67 Condensed Bold
Helvetica Bold	Univers 67 Condensed Bold Oblique
Helvetica Bold Oblique	Univers 53 Extended
Helvetica Narrow	Univers 53 Extended Oblique
Helvetica Narrow Oblique	Univers 63 Extended Bold
Helvetica Narrow Bold	Univers 63 Extended Bold Oblique
Helvetica Narrow Bold Oblique	Wingdings
Helvetica Condensed	ITC Zapf Chancery Medium Italic
	ITC Zapf Dingbat

## Additional Information

Refer to these reference materials: PCL5 Printer Language Technical Reference Manual and Printer Job Language Technical Reference Manual, Hewlett-Packard Manual.

You can reach Xerox Customer Support at <http://www.xerox.com> or by calling Xerox Support in your country.

Xerox Support welcomes feedback on all documentation – send feedback via email to: [USA.DSSC.Doc.Feedback@xerox.com](mailto:USA.DSSC.Doc.Feedback@xerox.com)