Configuring

Type tab

On the **Type** tab, you specify the name of the barcode area, the type of barcode that you want to create, and the properties of the barcode.

Fields on the **Type** tab

Field	Value	Description
Barcode name	Any combination of a-z, A-Z, 0–9, special characters, and blanks.	The name of the barcode area. For example, if the barcode is an Intelligent Mail barcode (IMB), you could name the barcode "IMB".
Barcode type	Code 39 (3-of-9 Code)	A low-density barcode that can encode uppercase letters, numbers, and some special characters.
	Data Matrix	A two-dimensional (2D) barcode consisting of black and white square modules arranged in either a square or rectangular pattern. This barcode uses the Solomon-Reed error correction algorithm (ECC 200) to ensure data reliability.
	Intelligent Mail (IMB)	A barcode defined by the United States Postal Service (USPS) that is used to direct and track mail. This barcode was previously called a **USPS Four-State** barcode.
	Interleaved 2-of-5	A high-density barcode that can encode numbers.
	PDF417	A two-dimensional (2D) barcode that consists of several rows, each of which is like a small linear barcode. The barcode can detect and correct errors.
	POSTNET	A barcode defined by the USPS that is used to direct mail.
	QR Code	A two-dimensional (2D) matrix barcode that consists of black and white square modules arranged in a square pattern. The contents of this "Quick Response" code can be decoded at high speed. This barcode uses the Solomon-Reed error correction algorithm (ECC 200) to ensure data reliability.

Field	Value	Description
Barcode representation	Output type	
	BCOCA object	AFP Editor creates barcode objects using Bar Code Object Content Architecture (BCOCA) structured fields. In general, BCOCA barcodes are preferred to text barcodes. However, some older printers cannot process newer barcode types. For example, IBM 3900 printers cannot process IMBs. In this case, text barcodes are required. This is the default.
	Text barcode	AFP Editor creates text barcodes that use the AFP barcode font. **Notes:** 1. This option is currently available only for IMBs. 2. AFP Editor uses the 300 dpi AFP IMB font (US23), which produces a standard height barcode: character set C0XMUS23 and code page T100USPS.
	Output size	
	Optimal Size	AFP Editor creates BCOCA barcodes so they are displayed in the best size for viewing and printing. This is the default. **Note:** This option is currently available only for IMBs.
	Compact Size	AFP Editor creates BCOCA barcodes so they are displayed in a compact size. **Note:** This option is currently available only for IMBs.

This table describes the fields on the **Type** tab that let you specify barcode properties. The fields differ for each barcode type.

Fields on the **Type** tab for barcode properties

Barcode type	Field	Description
Code 39 (3-of-9 Code)	Include check digit	A check digit ensures data integrity during the bar coding reading process. If you select **Yes**, a check digit is included in the barcode symbol.
Data Matrix	Number of rows	The number of rows in the barcode including the finder pattern. If you select **Auto**, an appropriate number of rows is used for the amount of data in the barcode symbol.
	Row size	The number of modules in each row including the finder pattern. The row sizes you can select depend on the number of rows. If you select **Auto**, an appropriate row size is used for the amount of data in the barcode symbol.
Intelligent Mail (IMB)	None	None
Interleaved 2-of-5	Include check digit	A check digit ensures data integrity during the bar coding reading process. If you select **Yes**, check digit is included in the barcode symbol.
PDF417	Row size	The number of data symbol characters in each row. The printer creates the minimum number of rows necessary for the amount of data in the barcode symbol.
POSTNET	ZIP Code barcode	The barcode symbol consists of a leading frame bar, the encoded ZIP Code data, a correction digit, and a trailing frame bar. The ZIP Code data is a 5-digit number.
	ZIP Code+4 barcode	The barcode symbol consists of a leading frame bar, the encoded ZIP+4 data, a correction digit, and a trailing frame bar. The ZIP+4 data is a 9-digit number.
	Advanced Bar Code (ABC)	The barcode symbol consists of a leading frame bar, the encoded ABC data, a correction digit, and a trailing frame bar. The ABC data is an 11-digit number.
	Variable-length barcode	The barcode symbol consists of a leading frame bar, the encoded data, a correction digit, and a trailing frame bar. The encoded data is variable length.
QR Code	Size	The size of the barcode symbol, represented by the number of modules in each row and column. The values are 21x21 to 177x177, or “smallest”, which indicates the smallest size that can include all data.

Other topics in this section:

Data tab for Code 39, Data Matrix, Interleaved 2-of-5, PDF417, POSTNET, and QR Code barcodes
Data tab for IMBs
Position tab

Parent topic: Creating barcodes