

# Barcodes

(mPDF >=4.0)

A variety of barcodes can be produced with mPDF. Please see the example file for more information.

## Specifications in mPDF

Barcode type	code	X-dim	H-dim	Light margin / Quiet zone			DAFT <sup>[5]</sup>	Pr ratio
				Left	Right	Top/bottom		
<b>EAN-13</b>	EAN13, ISBN, ISSN	0.33	25.93	11X	7X	0		
<b>UPC-A</b>	UPCA	0.33	25.91	9X	9X	0		
<b>UPC-E</b>	UPCE	0.33	25.93	9X	7X	0		
<b>EAN-8</b>	EAN8	0.33	21.64	7X	7X	0		
<b>Intelligent Mail barcode</b>	IMB	0.508	3.68	3.175	3.175	0.711	2:2:3:1	<sup>[4]</sup>
<b>Royal Mail 4-state Customer barcode</b>	RM4SCC	0.508	5.0	2	2	2	5:5:8:2	<sup>[4]</sup>
<b>Royal Mail 4-state Customer barcode (Dutch)</b>	KIX	0.508	5.0	2	2	2	5:5:8:2	<sup>[4]</sup>
<b>POSTNET</b>	POSTNET	0.508	3.175	3.175	3.175	1.016	5:2	
<b>PLANET</b>	PLANET	0.508	3.175	3.175	3.175	1.016	5:2	
<b>Code 128</b>	C128A, C128B, C128C	0.381	10	10X	10X	0		-
<b>UCC/EAN-128 (GS1-128)</b>	EAN128A, EAN128B, EAN128C	0.381	10	10X	10X	0		-
<b>Code 39 (Code 3 of 9)</b>	C39, C39+, C39E, C39E+	0.381	10	10X	10X	0		2.5 <sup>[1]</sup>
<b>Standard 2 of 5</b>	S25, S25+	0.381	10	10X	10X	0		3 <sup>[2]</sup>
<b>Interleaved 2 of 5</b>	I25, I25+, I25B, I25B+	0.381	10	10X	10X	0		2.5 <sup>[1]</sup>
<b>Code 93</b>	C93	0.381	10	10X	10X	0		-
<b>MSI (Modified Plessey)</b>	MSI, MSI+	0.381	10	12X	12X	0		-
<b>CODABAR</b>	CODABAR	0.381	10	10X	10X	0		2.5 <sup>[1]</sup>
<b>Code 11</b>	CODE11	0.381	10	10X	10X	0		3 <sup>[3]</sup>

All values in millimeters, unless specified as a factor of X-dim e.g. 10X.

X = width of narrowest bar (also known as module width)

Pr ratio is ratio of narrow bar to wide bar

<sup>[1]</sup> Code specification: 1:2 - 1:3 (>2.2 if X<0.5mm)

<sup>[2]</sup> Code specification: 1:3 - 1:4.5

<sup>[3]</sup> Code specification: 2.24 - 3.5

<sup>[4]</sup> Bars per inch (determines bar/gap ratio, gap width) = 22

<sup>[5]</sup> Ratio of bar heights: Descender, Ascender, Full, Tracker (or Full:Half bar)

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