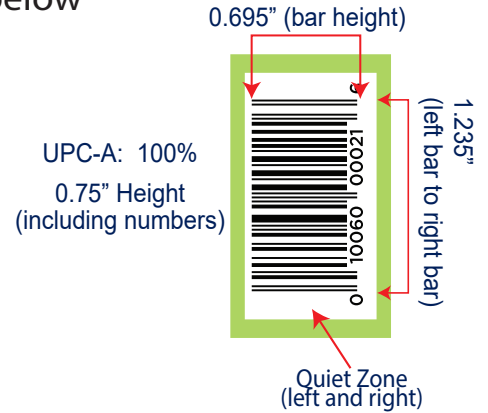


Barcodes should be placed vertically to minimize distortion and scanning issues. Place them on a white or light colored background with dark colored bars. 80 Micron Bar Width Reduction is recommended. It is best to avoid barcodes below 70% size. Allow room for a "Quiet Zone", so the barcode scanner can distinguish between the barcode and other text or graphic elements. Avoid creating barcodes using red, light pink, orange, light brown, yellow and metallic colors.

Suggested Barcode Placement and Size:

Vertical Orientation - to scale



Recommended UPC Generation Website:
www.free-barcode-generator.net/upc-a/
 (Website walkthrough below)

Codes:
 987654321098 ← Enter code number

Parameters for barcodes (picture form) downloaded as JPG, PNG files ← Ignore this field

Code scale: 100% 200% 300% 400% 500% 600% 700% 800%

Code height: % (from 25% to 500%)

Parameters for barcodes (vector form) downloaded as PDF, AI, EPS files

Code scale: % (from 80% to 200%) ← Reducing or enlarging this number will change the width of the UPC

Bar width reduction: μm (max. 200 @ 100%) ← Always use 80 micron BWR

Code height: % (from 25% to 999%) ← This changes the height of the bars

Use GS1 Reduction/Enlargement (GS1 spec, Figure 5.2.1.4.1):
 [Read more](#)

← Click Generate

Barcode UPC-A: 987654321098

9 87654 32109 8

← Click the AI icon to download a vector illustrator file of the UPC.