

# 2D Barcode Requirements

## 2D Barcodes

You can use 2D barcodes to provide the product quantities and expiration dates (if applicable) for each box in your shipment. If you use 2D barcodes, you do not need to provide box content information through Seller Central. Instead, you can select **Skip providing box contents** in the shipment creation workflow and then apply a 2D barcode to each of your boxes. We can then simply scan your barcodes to determine the contents of a specific box.

Providing box content information helps reduce the time needed between your products arriving at the fulfillment center and your products being available for sale. 2D barcodes are especially useful for sellers drop shipping inventory directly from suppliers. Your supplier can provide box information without having access to the details of your FBA shipment. If you manage high-volume operations, 2D barcodes will scale to larger shipments more easily.

**Note:** You will need to use a third-party application or website to generate 2D barcodes. 2D barcodes do not replace Amazon shipping labels. Amazon shipping labels are still required.

## 2D Barcode Requirements

Amazon accepts all 2D barcodes that meet the following standards:

### PDF417 (Recommended)

#### Module width

Minimum: 0.020" (0.508 mm)

#### Row height

Minimum: 3 modules

#### Error correction

Minimum: Level 6

### Data Matrix

#### Supported versions

14x14, 16x16, 18x18, 20x20 or 22x22

#### Module width and height

Minimum: 0.040" (1.016 mm)

# 2D Barcode Requirements

## ❑ QR Code

### Module width and height

Minimum: 0.040" (1.016 mm)

### Error correction

Minimum: High level

Barcode labels should be printed at a minimum of 600 DPI.

The barcode must contain the following information in the order listed:

1. Begin with the characters **AMZN**
2. FBA PO ID (Code: **PO**)
3. Item ID (Code: **ASIN**, **UPC**, **EAN**, **ISBN**, or **FNSKU**)
4. Quantity (Code: **QTY**)
5. Expiration date, if applicable, in YYMMDD format (Code: **EXP**)

A colon should be used between a code and its value. Each segment should be separated by a comma.

### **Please note the following:**

- Use uppercase letters for all data, as shown above.
- Do not enter any spaces in the data.
- Enter a value for each field. Null or zero values are not valid.
- Do not list an ASIN with a quantity of 0. Exclude the ASIN from the data.
- Do not pack more than 100 different ASINs in a single box.
- Provide expiration dates in YYMMDD format.
- Pack each box with only one expiration date per ASIN. If you have units of an ASIN with multiple expiration dates, then those units will need to be packed in different boxes so that each box only has one expiration date per ASIN.

For sample barcodes, see the next page.

# 2D Barcode Requirements

## PO with single UPC

PO#=FBA23JFC2G  
UPC=847603044631  
Quantity=24  
Expiration Date=2014, April 28



This barcode reads: **AMZN,PO:FBA23JFC2G,UPC:847603044631,QTY:24,EXP:140428**

## PO with single UPC (no expiration date)

PO#=FBA23JFC2G  
UPC=847603044631  
Quantity=24



This barcode reads: **AMZN,PO:FBA23JFC2G,UPC:847603044631,QTY:24**

## PO with one ASIN and one UPC

PO#=FBA23JFC2G  
ASIN=B00H1BPQ1Y  
Quantity=12  
Expiration Date=2014, March 1

PO#=FBA23JFC2G  
UPC=847603044631  
Quantity=24  
Expiration Date=2014, April 28



This barcode reads:  
**AMZN,PO:FBA23JFC2G,ASIN:B00H1BPQ1Y,QTY:12,EXP:140301,UPC:847603044631,QTY:24,EXP:140428**

## PO with two UPC

PO#=FBA23JFC2G  
UPC=776403045720  
Quantity=10  
Expiration Date=2014, May 15

PO#=FBA23JFC2G  
UPC=847603044631  
Quantity=24  
Expiration Date=2014, April 28



This barcode reads:  
**AMZN,PO:FBA23JFC2G,UPC:776403045720,QTY:10,EXP:140515,UPC:847603044631,QTY:24,EXP:140428**

*The variables in the barcode output have been made bold for easier readability. Please note that the barcode images in this document are samples only, and the actual size of your barcodes will be dependent on several factors, including your barcode type and the number of ASINs in your shipment.*