

# GS1 Barcode Break Down for meat processors

00102

MAY CONTAIN  
UP TO NINE  
PERCENT ABSORBED  
WATER  
KEEP REFRIGERATED  
OR FROZEN



(01) 9012345600102 (3202) 004500 (13) 111025 (21) 100263021853

NET 45.00 LB  
ORIGIN USA LOT 112440003 SERIAL #: 100263021853

(01) GTIN 14 digit Unique Identifier  
9 = Variable Weight 2 = Check Digit  
0 = Country Code Usually (3202) 004500 = Weight in lb with 2 decimals  
123456 = MFG ID (13) 111025 = Pack Date YYMMDD  
00102 = Product ID (21) Serial Number

If your MFG ID is longer than 6 digits then the product id would be shortened to keep the 14 digit Unique identifier. This 14 digit number is commonly referred to as the GTIN . MFGID is supplied by the GS1 organization <http://barcode.gs1us.org/>.

The 14<sup>th</sup> digit is a check digit you can use the check digit calculator here [http://www.gs1.org/barcodes/support/check\\_digit\\_calculator](http://www.gs1.org/barcodes/support/check_digit_calculator)

The barcode symbology is GS1-128 format. This is very similar to a standard 128 symbology only it includes a special character embedded in the beginning of the bar code to make it a GS1-128 symbology.

Each item in the ( ) parenthesis is called an application identifier. This tells the reader what data to expect next. You can see a list of all possible application identifiers in Wikipedia <http://en.wikipedia.org/wiki/GS1-128>

For the meat processing industry however we suggest you use the above format since we have found it acceptable to all of our suppliers and receivers.

If you need help with generating these labels from scales and storing the data as well call us it is our specialty

Provided by Progressive Scale [www.scaleprogrammers.com](http://www.scaleprogrammers.com)

203-792-2854