







Proper formation of a GS1 barcode for meat processors. The following is a document detailing how to properly form a GS1 barcode for the food processing industry. If you need help or have any questions on this document or how to properly lay out a GS1 label, please visit our site www.meatsystem.com. Feel free to share this document.



A GS1 barcode consists of data points separated by multiple Application Identifiers such as the (01) shown here. The "(" and ")" and spaces are only in the human readable part of the bar code for readability. They are not in the actual barcode itself. The barcode is also called sometimes a UCCEAN128. The symbology to use is GS1 1 Dimensional

-  = Global Trade Item Number(GTIN) (14 digit number to follow). "9" Indicates that this is a variable weight package. This should not change. "0" means its country code USA in this case. "123456" is the registered manufacturer id with the GS1 organization. To print proceed you will need to contact them to register your company. This can be longer than 6 digits. If it is, the next section shortens to always keep the GTIN at 14 digits. "12345" is the product ID or SKU. "1" is a check digit calculated from the 13 previous characters
-  = Weight. "32" : Weight in lb "31" : Weight in kg. "02" : Means 2 decimals. Weight is always 6 digits with no decimals in actual barcode. So 32.46 lb would look like 3202 003246. 14.65 kg would be 3102 001465. 16.1 lb would be 3201 000161.
-  = Pack date (13) YYMMDD to follow. Or it could be (11) Production Date YYMMDD. In this example it is Feb, 14 2016
-  = Serial Number (21) This is a variable length numeric field and should be an even number of digits

Progressive Scale is not a representative of GS1. This document is for reference only. Progressive scale is not responsible for its use.

Copyright © 2016 Progressive Scale and Label Systems LLC 203-792-2854 www.scale.net