

SSCC Label Specification



Drakes.

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SPS COMMERCE

INFINITE RETAIL POWER™

Document Change Control

Document Version	Released	By SPS Commerce	Changes
V1.0	February 2019	Mimoza Piruze	Created Document
V1.0	3 March 2019	Mimoza Piruze	Final version

Introduction

Drakes Supermarkets requires all merchandise to be delivered with a SSCC label on the shipping unit being pallet.

The requirements of SSCC labels for Drakes Supermarkets are detailed in this document and include:

- Layout and design of the label
- Information required on the label
- Positioning of SSCC on merchandise

The data elements required to be printed on Drakes Supermarkets SSCC label are contained within Despatch Advice message.

The label is based on a “real estate” principal: every data element has been given its own specific location. The label MUST NOT be re formatted. The format of the label always remains constant.

There are two types of data elements included in the label:

Mandatory Must always appear on the label
Optional Discretionary, vendor’s choice to provide

The label includes the use of the GS1-128 Serial Shipping Container Code (SSCC).

Drakes Supermarkets supports a Pallet model for the SSCC label.

GS1-128 barcode is required on all pallet labels in shipment.

This document is based on the standard “The GS1 Logistics Label” available at - http://www.gs1.org/docs/tl/GS1_Logistic_Label_Guideline.pdf

Information outlined in this SSCC Label Guide has been customized to suit Drakes Supermarkets requirements.

For further queries, please contact:

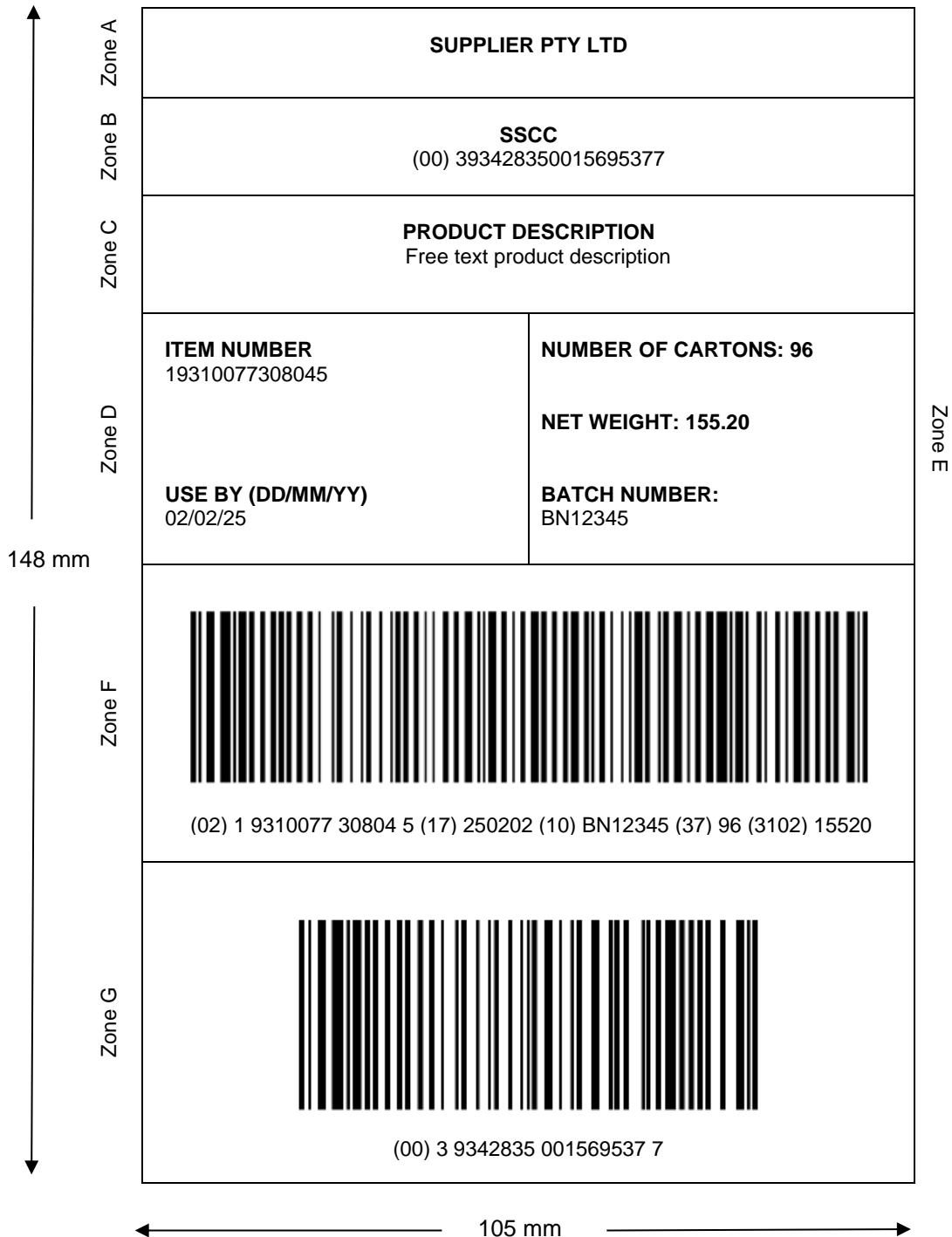
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Label Layout & Design

SSCC-18 / GS1-128 Label

*Illustration not to scale

(Label Size A6, 105mm X 148mm or nearest equivalent)



Disclaimer

All barcodes in this document are for graphical representation only and will not scan. For technical guidelines refer to GS1 Label Guidelines: http://www.gs1.org/docs/tl/GS1_Logistic_Label_Guideline.pdf

Label with references to EDIFACT DESADV data elements

Zone	Description	Font	Data Information
A	Supplier details	8-14 pt	Supplier Name / Brand Name
B	SSCC as a human readable text	10-16 pt	SSCC GIN DE C208.7402 (DE 7405 = AW)
C	Free form product description	12-14 pt	PRODUCT DESCRIPTION Segment Group 17 IMD DE C273.7008 (DE 7077 = F)
D	Product details	12-14 pt	ITEM NUMBER: LIN DE C212.7143 (DE C212.7143 = SRV) USE BY (DD/MM/YY): DTM DE C507.2380 (DE C507.2005 = 36 or 361)
E			NUMBER OF CARTONS: PAC DE 7224 (DE C202.7065 = CT) NET WEIGHT: MEA DE C174.6314 (DE C502.6313 = AAA) BATCH NUMBER: GIN DE C208.7402 (DE 7405 = BX)
F	Concatenated Barcodes		AI (02) – Product GTIN AI (15) – Best Before Date OR AI (17) - Expiry Date AI (10) – Batch Number AI (37) – Carton quantity on pallet AI (310n) – Total net weight of variable weight products on the pallet where ‘n’ represents the number of decimal places in the weight. For example: variable weight of 155.20 kg will be presented as AI (3102)
G	SSCC Barcode		AI (00) – SSCC with human readable text GIN DE C208.7402 (DE 7405 = AW)

Reference for colour codes used in the ‘Data Information’ column in the table above:

- Text marked in green colour indicates EDI data element;
- Text marked in bold blue indicates mandatory data;
- Text marked in purple colour indicates conditional data;
- Text marked in black indicates optional data.

Label Field Specifications – Alpha/Numeric Data

Data Element Alpha/Numeric	Details
SUPPLIER DETAILS	Supplier Name / Brand Name; mandatory.
SSCC	Serial Shipping Container Code as a human readable text; mandatory.
PRODUCT DESCRIPTION	Free text item description; mandatory.
ITEM NUMBER	Item EAN / GTIN or Supplier Product Code, if GTIN not available; mandatory.
USE BY (DD/MM/YY)	Best before date or expiry date of the product; required when the Product has a Best Before Date or Expiry Date.
Number of Cartons:	Carton count on pallet; mandatory.
NET WEIGHT:	Total net weight is required for variable weight products only.
BATCH NUMBER:	Batch number of the product is required if appears on the retail unit.

Label Field Specifications – Barcoded Data

Data Element Barcoded	Details
Concatenated Barcodes	GTIN as an Application Identifier (AI) 02; Best Before Date as an Application Identifier (AI) 15 <u>or</u> Expiry Date as an Application Identifier (AI) 17; Batch Number as an Application Identifier (AI) 10; Carton Quantity On Pallet as an Application Identifier (AI) 37; mandatory If variable weight products include Total Net Weight as an Application Identifier (AI) 310n where 'n' is the number of decimal places in the weight
SSCC Number:	As identified by Application Identifier (AI) 00; mandatory.

Label Barcode Specifications

Item	Detail
Symbology:	GS1-128
Start Code:	Code Set C followed by a function 1 (FNC1) character
End Symbol:	The end of barcode symbol consists of a modulo 103 check character and a stop character
Concatenation:	For the concatenated barcodes a Function Code 1 (FNC1) character is required as a field separator
Magnification:	Concatenated barcodes: 25 - 100% SSCC barcode: 50 – 100%
Width:	Min 78 mm
Height:	32 mm
Light Margin/ Position:	The Barcodes are to be positioned in the middle of the label with a minimum light margin of 5 mm each side
Miscellaneous:	Brackets and spaces are not to be put into the barcode

Label Positioning Specification

A pallet must have a minimum of two pallet labels, one on each fork lift access sides of the pallet.

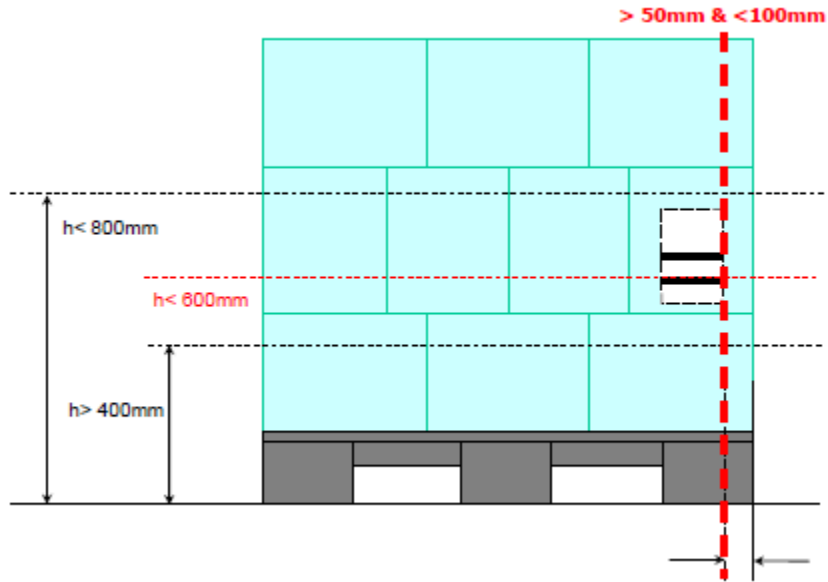
The SSCC numbers on both pallet labels must be the same on each fork entry side of the same pallet. The number should be unique from all other pallets.

The pallet label is to be placed at least 50mm and no more than 100mm in from the right hand edge of the vertical sides. The bottom of the lower bar code is no lower than 400mm from the ground level. The label should be placed as high on the vertical side as possible, if the pallet has stock on it that is not 400mm high.

The top barcode should be no higher than 800mm from ground level.

The pallet should not bridge across two cartons.

The target placement of the label is 600mm from the ground level as shown below:



If the pallet needs to be stretch wrapped for stability, two pallet labels must be applied to the **outside** of the stretch wrap.

A multi-stack of pallets that have been stretch-wrapped individually must have SSCC label applied to the **outside** of the wrap of each pallet.

A multi-stack of pallets not individual stretch-wrapped, but the stack has been stretch-wrapped into a single unit for stability during transportation must have pallet SSCC label applied (if possible) to a single carton on the right hand bottom side of the pallet.