

***Produce Industry IT Standards Association
(PIITSA)***

Revision 1.0

***2004
PALLET CARD
SPECIFICATION***

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1.0 DESCRIPTION

The main characteristics of the 2004 pallet card are stated within this section. This will also explain the usage of the pallet card report that may be required to be produced in tandem with pallet card for some exporters.

Pallet card description

The 2004 pallet card is divided into three distinct sections. Information on the pallet card front facing - refer to the 2004 Pallet Card diagram below.

Section 1 contains fields for key product information.

Section 2 contains the 10 detachable small bar codes.

Section 3 contains 3 large material numbers with 3 large bar codes. These are perforated for detaching from the rest of the card to be positioned on the 2 sides and the rear of the pallet.

Pallet card report

Each pallet card may be accompanied by a one-page report that contains specific information about the product contained on the pallet. Refer to **Chapter 15** for detailed pallet card report requirements.

2.0 LAYOUT – please note this is guide only. The specific location of fields (particularly in section 1) may be altered if required



3.0 FIELDS

Barcode

A unique EAN.UCC Serial Shipping Container Code (SSCC) 18-digit barcode number (including a check digit) will identify each individual pallet card. The 2004 pallet card contains 4 large bar codes and 10 smaller bar codes representing the unique pallet card number. In each instance this number corresponds to the 18 digits of the unique number under the bar codes. All numbers and codes are to be for the same number per unique pallet card.

This number will always begin with **00**. This is an EAN Application Identifier that identifies the barcode as encoding a Serial Container Code (SSCC). This is an 18-digit unique number which identifies the pallet.

After the **00**, the first digit of the 18-digit SSCC is always a **3** for pallets. Other digits are used to identify truck loads, containers, etc.

The next **7 to 9** digits will be the EAN register prefix of the packhouse (or optionally the exporter – see following).

Note: An EAN prefix is required for traceability on every palletcard. If the packhouse does not have an EAN registered barcode prefix, they must ensure that all exporters they pack for are registered and can issue them with a range of pallet card numbers to use as below.

The next 7 to 9 digits (depending on the length of the EAN prefix) are a serial number to uniquely identify the pallet. The owner of the EAN prefix used must ensure that there can never be two palletcards produced using their prefix and the same serial number.

The 18th digit of the SSCC is called a check digit and must be calculated. This calculation is based on the preceding 17 digits of the SSCC number.

Check Digit calculation

The numbering should be spaced out to allow it to be read more easily as follows:

(00) 39419199 012 345 678 C

The check digit (C) will be calculated using the EAN (European Article Number) SSCC (Serial Shipping Container Code) standard of modulo 10 check digit calculation.

An electronic check digit calculation can be found on the EAN Website www.ean.co.nz.

Key pallet information

- i. Material – this is the exporter’s material number for the product on the pallet. If the pallet contains mixed materials then the material with the greatest quantity should show as the pallet material with a **MIXED** indicator below the number. **Note: not all exporters allow mixed materials on a pallet.**
- ii. Market Access Code – as required for MAF systems
- iii. Checked by – position for “sign off” of palletcard by person checking the pallet (required for 2004?)
- iv. Space for USDA stamp, Taiwan message or other market specific requirements.
- v. Variety code number and other product attributes – to assist with visually identifying product on the pallet. Note: multiple lines may be listed if several materials exist on the pallet.

2004 Pallet card physical usage

One pallet card is applied to each pallet packed.

Three large bar codes with material numbers on the 2004 pallet card section 3 are detached and placed on the sides and rear of the pallet.

Temperatures at which the pallet cards will be applied to pallets range from -3.0°C to 35°C.

4.0 PAPER PROPERTIES

Paper type

The paper is required to meet coolstore conditions and recycling statutes and regulations in all major markets. Paper may be sourced from companies such as Wickliffe Limited.

Adhesive

Must adhere to cartons for a minimum period of 6 months when subjected to the following conditions:

Temperature range: -1.5°C to 40°C

Relative humidity range: 10% to 98%

Perforations

The vertical perforation dividing section 1 and 2 from section 3 must run the full length of the pallet card. Resistance of the perforation should not be so great as to tear either sections 1 or 2 when detaching section 3.

Refer to **Chapter 12 AND 13**, diagram of pallet card font sizing and perforation positioning.

Ink specifications

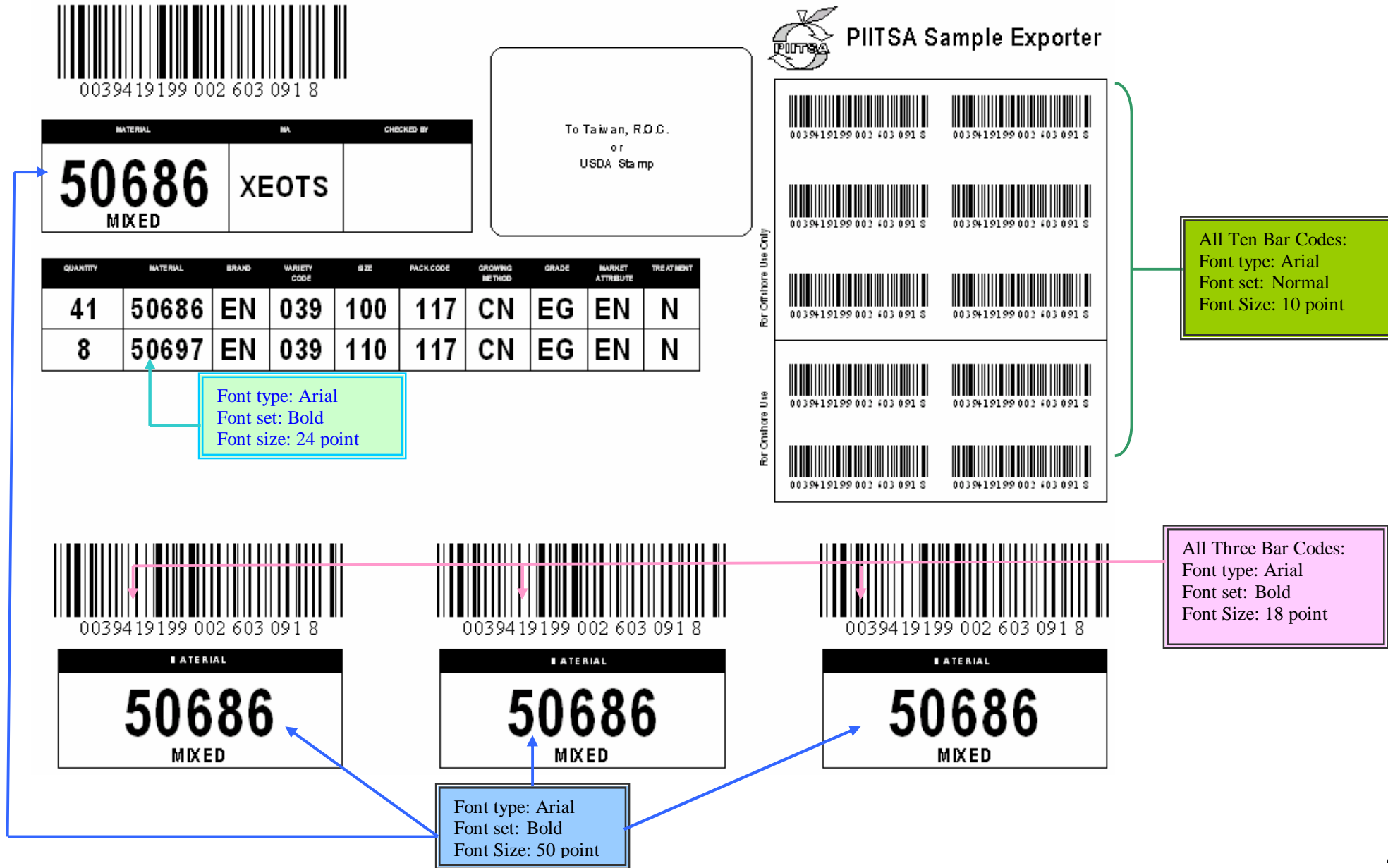
- i) All font and bar code print must be in black ink
- ii) Ink used in all printers must be non-toxic and compatible with food product and comply with global food safety regulations.
- iii) Ink must remain run free under conditions of high humidity and in some cases, minimal water exposure.
- iv) The use of corrective fluid over original ink print is not acceptable.

Colour

Black on white only for bar codes and key product information.



5.0 FONT REQUIREMENTS DIAGRAM



6.0 PERFORATIONS REQUIREMENTS

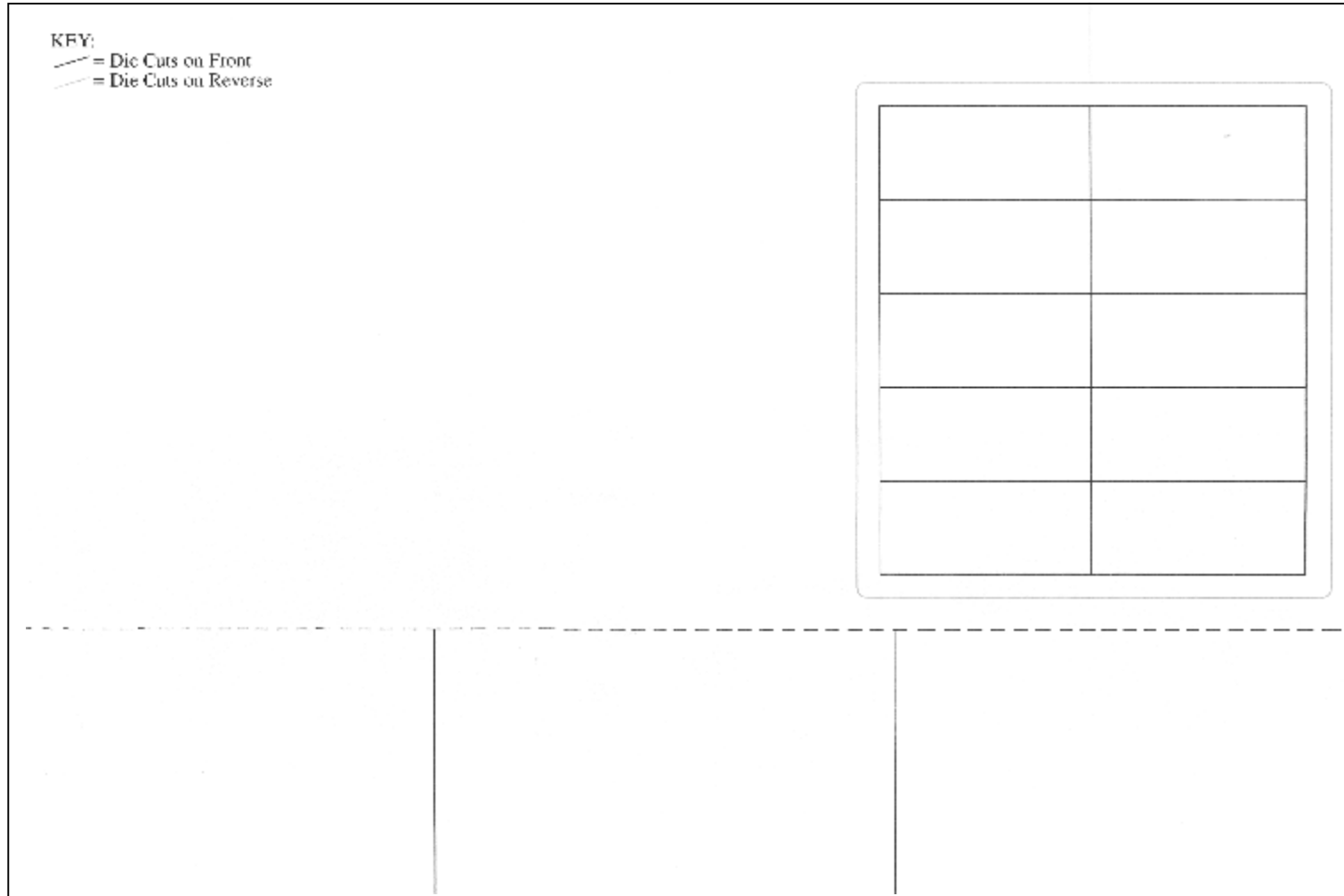


No perforation is required for Section One

All ten bar codes are to be die-cut in accordance to ensure easy peel. Perforation is not required to penetrate through the whole

Perforation through the top sheet and backing for the three bar codes in Section 3 is required

Die Cuts Template



7.0 BAR CODES

The following information confirms the bar code specification for the 2004 pallet card.

Description of the requirements are as follows:

Section 1-One large bar code is to be printed horizontally above the key product field. This bar code is not required to be diecut, as this will not be removed from section 1.

Section 2-10 bar codes (2 columns of 5), which are to be diecut and removable. Each bar code is required to be printed horizontally in section 2.

Section 3-The three large bar codes are to be printed horizontally in correspondence to the three Material number fields. Each bar code for section 3 will be printed directly beneath each Material field number. Section 3 must be diecut to ensure each material number field and the large barcode are peeled away together.

All bar codes with the exception of section 1 will be required to be removed. You, as the packhouse operator, will be requested to demonstrate that all bar codes can easily be removed. **Section 1** and **section 2** will remain on a produced pallet although **section 2** bar codes will be removed. Provisions must be made to ensure section 2 and 3 remain fixed to the pallet at all times.

Section 3 will be completely removed and bar codes attached to their correct pallet locations upon pallet completion within the production environment.

All 4 Large bar codes printed on the 2004 pallet card must comply with the EAN 128 standard and comply to EAN specifications for General Purpose Distribution

Bar code sizes

Large bar codes for section 1 and section 3

Height -22mm (Does not include number)

Length -75mm

Quiet zone -5mm minimum

The height of the printed 2004 pallet card number below each large bar code must be 5mm and is to be the most visually readable font from a minimum of 3 metres.

Small bar codes in section 2

Height -9mm (Does not include number)

Length -36mm

Quiet zone -3mm minimum

Bar code quality

In order to ensure quality of bar codes meet the required standard, the 4 large barcodes on every pallet card must be verified to the appropriate standard.

- This is recognized as the appropriate quality check for barcodes ensuring that the symbols will scan on different scanners. Minimum print quality grade ISO1.5/10/660 or better.
- EAN New Zealand can offer their verification service to all operators at current cost. Details on verification and testing report requests can be downloaded from www.ean.co.nz/services/verification
- The General Purpose scanner band is represented in this document.

8.0 PALLET CARD REPORT

General

Each pallet card can be accompanied by a one-page report containing the following specific information about the product contained on the pallet.

Each report must be printed in a clear and legible form.

Minimum Information

Each pallet card report must detail the following minimum information:

Header Information

Pallet Card Number	Grade
Material Number	Market Attribute
Brand	Packing Treatment
Size	Storage Type
Pack code	Pallet Code
Growing method	

Product Line Information

Product Line Code	Expiration date
MAF R No.	Market Access
SAP Grower Vendor Number	ESP
Quantity	Customer Suitability
SAP Contract No.	Production Programme
Contract Line No.	Problem Risk
Colourband	Packer Vendor No.
Harvest Date	Supply Group Contract No.
Pack Date	Supply Group Vendor No.
Run No. (Optional)	

Pallet Default Information

Total Quantity Default	ESP Default
Colourband Default	Customer Suitability Default
Expiration Date Default	Production Programme Default
Market Access Default	Problem Risk Default
Packer Vendor No.	