

Bar Code Label and Delivery Note requirements for JMD suppliers V8.2

Change Record

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Date	Author	Version	Change Reference
2017.08.12	Joy Yao	8.1	Add DN & MPL QR Code Standard Format
2018.03.12	Joy Yao	8.2	Revise the sample and remove all space

1. Scope

Applicable to those suppliers that selected by JMD which will require to provide Bar Code Label and Delivery Note according to the requirements of this document when deliver materials to JMD.

(The information in this document only contains the necessary information JMD need for barcode scan. Supplier will still need to provide other information, but no particular format required. Other information may include Supplier company name, address, telephone #. delivery date, JMD company name, ship to address

2. Barcode specification

- 2.1 Barcode format: QR Code
- 2.2 Barcode thickness ratio: 1:1
- 2.3 Barcode height: 15 ~ 20 mm
- 2.4 Barcode two sides quiet zones: at least 5mm

3. Document Format

Document Type	Usage Amount	Paper Type	Document Sample
Delivery Note	One delivery Note for one delivery	Common printing paper	DN_Sample_02
Minimal Package Label	One label for every minimal package outside	Barcode Label printing paper (attachable)	Package_Label_Sample_02

3.1 Size:

Delivery Note's width should be from 200 mm to 210 mm. (Vertical A4)

Minimal Package Label width should be from 90mm to 110mm

3.2 Column separation:

There must be borders between each data column but outline border for the document is optional.

3.3 Delivery Note Data column definition:

New Format Code

A0|PO|REL|POL|POS|ITEM|REV|SUBINV|SPLOT|QTY

E.g. A0|501002910|2|1|2|1632-LYY0112|A|RIP-BCA|TYU0021|1000

For optional field, separator needs to be provided and there is no space between separators

E.g. A0|501002910|2|||1632-LYY0112|A|RIP-BCA|TYU0021|1000

Field	Description	Mandatory or optional	Max Digit
A0	Code	Mandatory	2
PO	PO Number	Mandatory	20
REL	PO Release Number	Optional If PO Type is Blanket of Release, the field is mandatory	5
POL	PO Line Number	Optional	5
POS	PO Shipment Number	Optional	5
ITEM	Item	Mandatory	30
REV	Revision	Mandatory	1

SUBINV	Sub inventory	Mandatory	10
SPLIT	Supplier Lot	Mandatory For the lines with same item and revision, the Supplier Lot Number could not be duplicate	20
QTY	Quantity	Mandatory	15 (max 5 decimal places)

3.4: Delivery Note Field:

	Column Information	Bar Code	Mandatory or optional	Title	Max Digit
Supplier Delivery Note	Header				
	QR Code	Yes	Mandatory	DN NO.(QR Code)	
	Delivery Note Number	Yes	Mandatory		N/A
	Line				
	QR Code	Yes	Mandatory	QR Code	2
	PO No.-RELEASE	Yes	Mandatory	PO No.	30
	Line Number- Shipment Number	Yes	Optional	LINE+SHIPMENT	20
	Item Number	Yes	Mandatory	ITEM	30
	Item Revision	Yes	Mandatory	REV	1
	Sub-inventory	Yes	Mandatory	SUB-INV	10
	Supplier Lot Number	Yes	Mandatory	SPLIT	20
	Quantity	Yes	Mandatory	QTY	15 (max 5 decimal places)
	UOM	No	Mandatory	UOM	N/A

3.5: Minimum Package Label Data column definition:

New Format Code

E0|ITEM|REV|SPLOT|QTY|SPLITITEM

E.g. If have supplier item

E0|1158-1060031|E|SUPLOT001|1000|SUPITEMXXX

If do not have supplier item

E0|ITEM|REV|SPLOT|QTY|

E0|1158-1060031|E|SUPLOT001|1000|

Field	Description	Mandatory or optional	Max Digit
E0	Code	Mandatory	2
ITEM	Item	Mandatory	30
REV	Revision	Mandatory	1
SPLOT	Supplier Lot	Mandatory For the lines with same item and revision, the Supplier Lot Number could not be duplicate	20
QTY	Quantity	Mandatory	15 (max 5 decimal places)
SPLITITEM	Supplier Item	Optional	40

3.6: Minimal Pack Label Field:

	Column Name	Bar Code	Mandatory or optional	Title	Max Digit
Minimal Package Label	QR Code	Yes	Mandatory		2
	Part Number (Item Number)	Yes	Mandatory	PART NO.	30
	Item Revision	Yes	Mandatory	REV	1
	Supplier Lot Number	Yes	Mandatory (One Minimal package label should only contain one Supplier Lot Number)	SUP LOT	20
	Quantity	Yes	Mandatory	QTY	15
	Item Description	No	Mandatory	DESC	N/A
	UOM	No	Mandatory	UOM	N/A

4. Delivery Note sample format :

200MM-210MM (A4)

15MM-20MM



Supplier Delivery Note

DN No. 20170502001

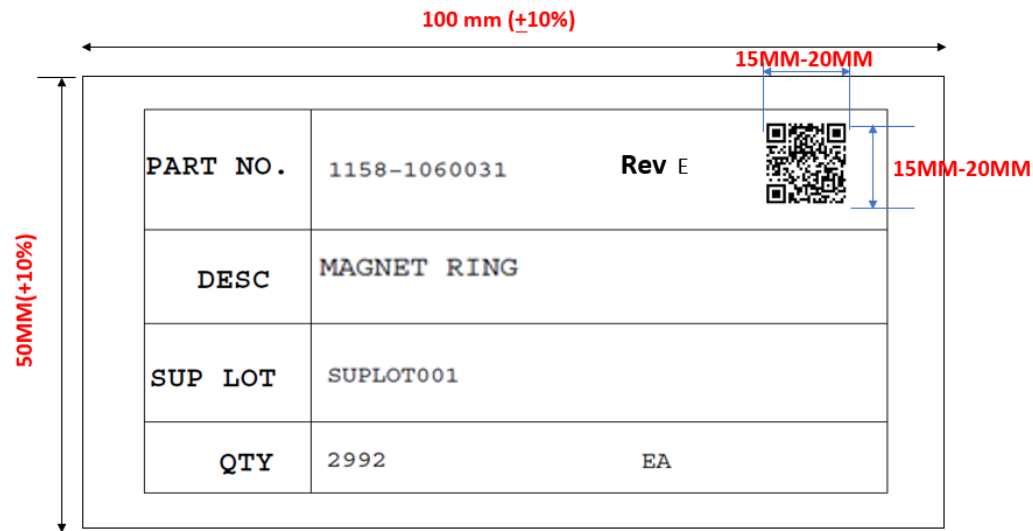
QR Code	PO No.	LINE+SHIPMENT	ITEM	REV	SUB-INV	SPLIT	QTY	UOM
	501002910-1	1-2	1415-1021057	A	RIP-BCA	TYU0021	1000	EA
	501002910-4	1-4	1415-1021057	A	RIP-BCA	TYU0022	2000	EA

DN_Sample_02:



JE Bar Code
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5. Minimum Package Label sample format :



Minimum Pack label sample :



Package_Label_Sample_02.xls

6. Environment & device

6.1 Bar Code Label should sustain to be readable for more than 6 months.

6.2 The Barcode Label printing paper should be anti-moisture and abrasion-resistant material.

6.3 Bar Code Printer at least 200 DPI or above.

7. Supplier Barcode Verification Process

Supplier should ensure the barcode label is readable by general barcode scanner and need to provide sample barcode labels for us to perform barcode verification process.