

## 1 Introduction

This document describes the way Uster Technologies AG want to have barcodes on the delivery notes of all suppliers.

## 2 Why do we need barcodes?

For an efficient process in our logistics we need three important data in barcode technology. We use these barcodes for fast and accurate goods in process with SAP-ERP.

### 2.1 Required data

Following data has to be implemented in barcodes:

- Number of delivery note e.g. 306760
- Date of delivery note e.g. 30.06.2011
- Uster Order-Number e.g. 6500041064-011

## 3 Barcode Technology

### 3.1 Barcode types

Uster Technologies AG supports following barcode types:

1D-barcodes:

examples:

Code 39



Code 128



2D-barcode:

examples:

Datamatrix



30.06.2011



6500041064-011

### 3.2 Dimensions of barcodes

The minimum requirements are listed below:

1D-barcode:	high:	min. 6mm, ideal 7 – 10mm
	resolution:	max. 0.1mm
	width:	depends on letter count and resolution
2D-barcode:	resolution:	max. 0.17mm
	high:	depends on letter count and resolution
	width:	depends on letter count and resolution

## 4 Barcode placing on delivery note

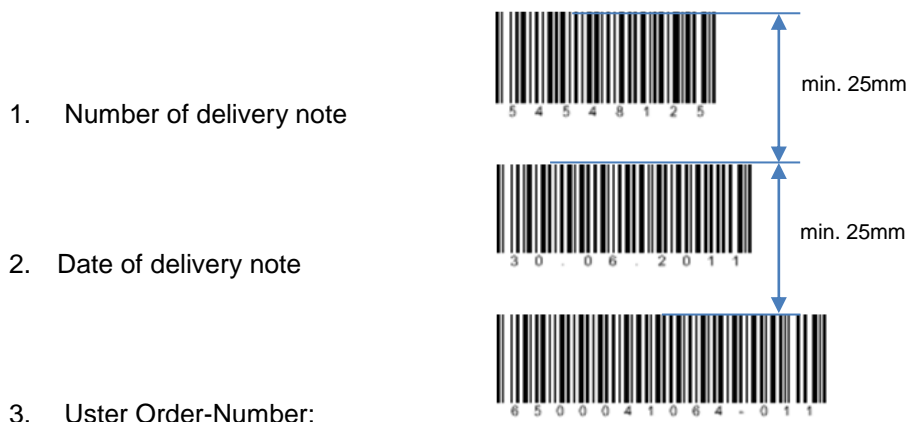
### 4.1 Barcodes integrated

Uster Technologies AG prefers barcodes directly integrated in the delivery note next to the information which has to be coded in barcode (see example 5.1).

### 4.2 Barcodes on label

If it's not possible to integrate the barcodes directly in the delivery note, Uster technologies AG allows to print the barcodes on a label which is glued on the delivery paper (see example 5.2):

Adjustment on label:






**Important:**

Plaintext is required underneath every barcode thereby it's possible to know the data without a barcode reader. Use the right order (1,2,3).

## 5 Examples

### 5.1 Delivery note with integrated barcodes (example)

Sample Inc. Any Street 1 Any City, Any State 12345		Uster Technologies AG  Logistics Department Sonnenbergstrasse 10 8610 Uster	
Delivery Note 54548125		Any City, 10.07.2011	
			
Order-Number: 6500041064-011		Date of delivery note: 10.07.2011	
			
Reference:	Mr. John Sample		
<u>Pos.</u>	<u>Mat.-No.</u>	<u>Description</u>	<u>Qty</u>
01	316000-00130	Any Part	2000 pcs.
Packaging:	1 UT S-Case		
Incoterms:	DDP		
State of origin:	Switzerland		
Best regards			
Sample Inc.			

This shows the Uster Technologies AG preferred placing of barcodes on delivery notes.

## 5.2 Delivery note with barcodes on a label (example)

Sample Inc. Any Street 1 Any City, Any State 12345		Uster Technologies AG  Logistics Department Sonnenbergstrasse 10 8610 Uster	
<b>Delivery Note 54548125</b>		Any City, 10.07.2011	
Order-Number: 6500041064-011 Date of delivery note: 10.07.2011 Reference: Mr. John Sample			
<u>Pos.</u>	<u>Mat.-No.</u>	<u>Description</u>	<u>Qty</u>
01	316000-00130	Any Part	2000 pcs.
Packaging: 1 UT S-Case Incoterms: DDP State of origin: Switzerland			
Best regards			
Sample Inc.			