



DESCRIPTION OF BARCODE LABEL

Author: IT-Kundenintegration
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Overview

This document describes the layout of the **nox** barcode label.

Label format

- The printable area of the label has a width of 96 mm and a length of 150 mm.
- The upper and lower edges are 5 mm each.
- The left and right edges are 2 mm each.
- The quiet zone in the barcode area is 5mm

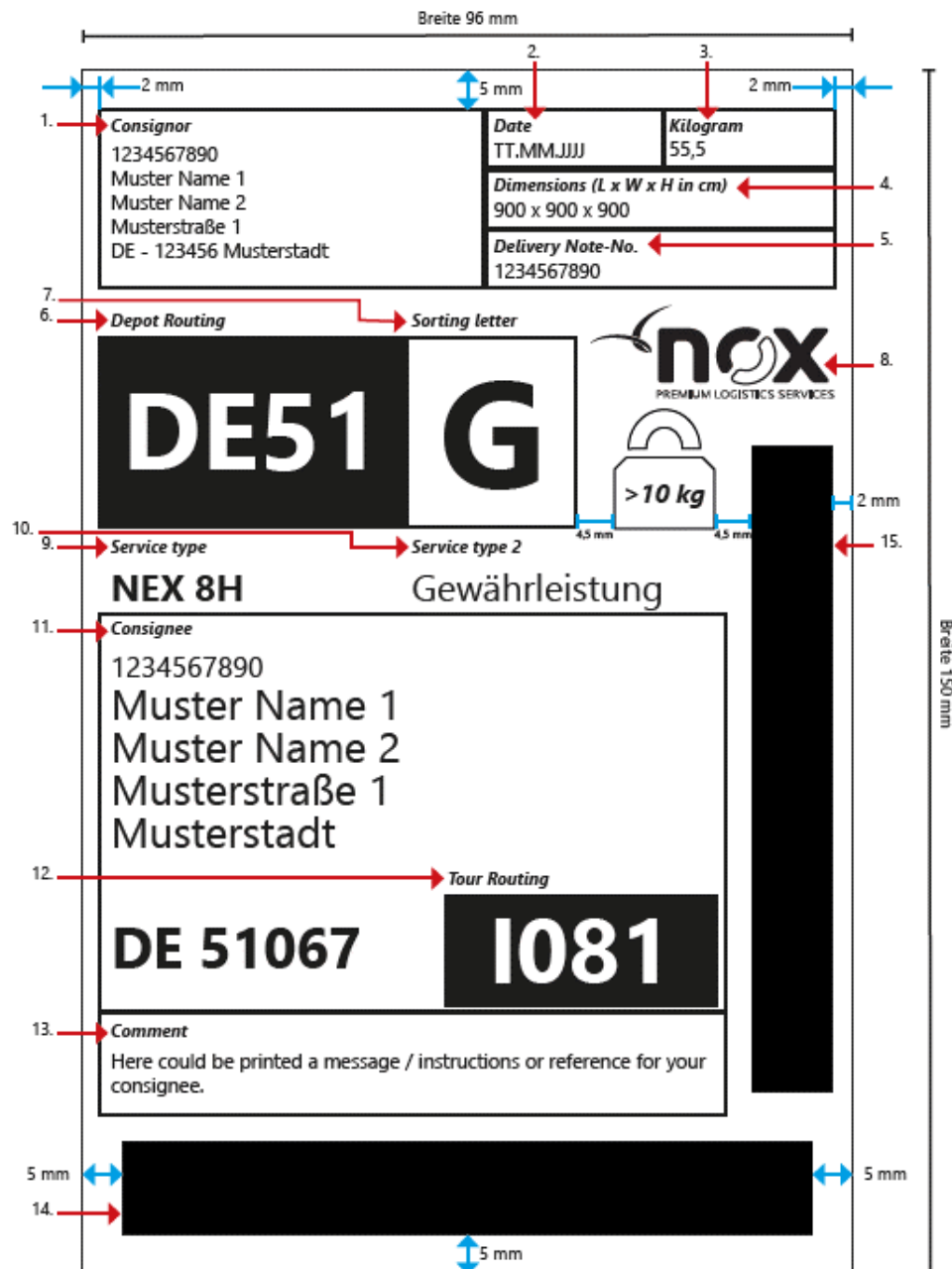
The label format 96 mm x 175 mm can also be used for additional customer information.

Further customer information could be placed in the header of the label, before the nox section starts. Customer and nox segments should be separated by a line.

Coordination with **nox** is mandatory.

nox barcode label

Layout description



- Image resources like the nox logo and weight symbol will be provided by nox
- The text inside the weight symbol („> 10 kg“ or „> 20kg“) is due to scaling reasons not part of the image resource and needs to be added.

Field description

The preferred font for the label is „ARIAL“.

Nr.	Field	Content	Font size	max. Char
1	Consignor	Heading: Fixtext "Consignor"	6 + bold & italic	
		Row 1: nox account no. of Consignor	7 + Regular	33
		Row 2: Consignor name 1	7 + Regular	33
		Row 3: Consignor name 2	7 + Regular	33
		Row 4: Consignor street & no.	7 + Regular	33
		Row 5: Consignor country code, zip, city	7 + Regular	33
2	Ship date	Heading: Fixtext "Date"	6 + bold & italic	
		Format TT.MM.JJJJ	7 + Regular	10
3	Weight	Heading: Fixtext "Kilogram"	6 + bold & italic	
		Format 0,0	7 + Regular	9
4	Dimensions	Heading: Fixtext "Dimensions (L x W x H in cm)"	6 + bold & italic	
		Format 0 x 0 x 0	7 + Regular	15
5	Delivery note	Heading: Fixtext "Delivery Note-No."	6 + bold & italic	
		Text (Delivery note as mentioned at EDI)	7 + Regular	25
6	Depot Routing	Heading: Fixtext "Depot Routing"	6 + bold & italic	
		Mandatory: Routing code in negative print / white lettering on black background (destination country code + 'Depot' from nox loading plan)	32 + bold	4
7	Sorting letter	Heading: Fixtext "Sorting letter"	6 + bold & italic	
		Optional: Sorting code (customer-specific agreement)	54 + bold	1
8	nox Logo	Image	30,332 mm x 11,51 mm	
8.1	Weight symbol	Image + Text		1
9	Product	Heading: Fixtext "Service type"	6 + bold & italic	
		Product (check nox product matrix)	13 + bold	13
10	Product 2	Heading: Fixtext "Service type 2"	6 + bold & italic	
		Optional: product 2 (customer-specific agreement, e.g. returns type for returns)	13 + Regular	17

11	Consignee	Heading: Fixtext "Consignee"	6 + bold & italic	
		Zeile 1: Consignee account no.	10 + Regular	39
		Zeile 2: Consignee name 1	15 + Regular	26
		Zeile 3: Consignee name 2	15 + Regular	26
		Zeile 4: Consignee street & no.	15 + Regular	26
		Zeile 5: Consignee city	15 + Regular	26
		Zeile 6: Consignee country code & zip	20 + bold	10
12	Tour routing	Heading: Fixtext "Tour Routing"	6 + bold & italic	
		Optional: Routing code in negative print / white lettering on black background (see nox loading plan)	32 + bold	4
13	Comment	Heading: Fixtext "Comment"	6 + bold & italic	
		2 lines: e.g. instructions for the deliverer	7 + Regular	126
14	Barcode below	Barcode + Barcode content in plain text (for content see nox barcode description)	Code 128	24
15	Barcode right	Barcode only (see nox barcode description)	Code 128	24

Product matrix

Product group	EDI	Vplan	Product code for label	Description
NEX - Night express	6UHR	N6	NEX 6H	Collection by early evening (Mon-Fri), delivery by 6 a.m. the next morning (Tue-Sat) without signature.
	7UHR	N7	NEX 7H	Collection by early evening (Mon-Fri), delivery by 7 a.m. the next morning (Tue-Sat) without signature.
	KNR	N	NEX 8H	Collection by early evening (Mon-Fri), delivery by 8 a.m. the next morning (Tue-Sat) without signature.
	SOD	N	NEX 17H	Collection in the late evening (Mon-Fri), delivery (Tue-Sat) by night express until 5 p.m.
	SODC	N	NEX 17H / C	Collection in the late evening (Mon-Fri), delivery (Tue-Sat) by overnight express until 5 p.m. on the working day after next
	ESAR	W	NEX 8H / SUN	Collection on early Saturday evening, delivery by night express on Sunday by 8 a.m.
	ESOR	W	NEX 8H / MON	Collection early Sunday evening, delivery by night express Monday until 8 a.m.
TEX - Day express	NTR	T	TEX 12H	Collection by early evening (Mon-Fri), delivery by 12 noon the next day (Tue-Sat) against signature
	TEXB	TB	TEX 17H	Collection by early evening (Mon-Fri), delivery by 5 p.m. the next day (Tue-Sat) against signature
	TEXC	TC	TEX 17H / C	Collection in the early evening (Mon-Fri), delivery by daytime express (Mon-Fri) by 5 p.m. on the working day after next
	EMOR	WT	TEX 12H / MON	Collection early Saturday evening, delivery by daytime express on Monday by 12 noon
REX - Returns	RNR	R	RETOURE	Collection by early evening (Tue-Sat), delivery by 8 a.m. the next morning (Tue-Sat only) without signature.

Explanation:

- Normally nox does not collect on weekends (Saturday/Sunday) or public holidays.
 - A weekend service is offered as part of special customer agreements
- Collection takes place on day 'A', regular delivery on day 'B'.
 - As part of a separate customer agreement, delivery can be moved to day 'C'.

Normally, nox delivers night express shipments to previously agreed drop-off points without a signature. Daytime express shipments are usually delivered to the recipient against signature.

Structure of nox package barcodes

- Barcode coding: Code 128
- Mandant: „22“, default **nox**
- Fix: „000“
- Consignor customerID: 7digits consignor customerID (= Field {VersKundenID} from EDI)
- Date: Print date with format YYMMDD
- Counter: „000001“ to „999999“

Example: 220001234567160405123456

- Mandant: 22
- Consignor customerID: 1234567
- Date: 160405
- Counter: 123456



Returns

- The return process has to be coordinated with **nox** separately from outgoing consignment.
- At the label the note "Retoure" and product code "RNR" need to be used
- Return consignor is the dealer or the technician.
- The consignee of the return is the original consignor.

Structure of nox return barcode

- Indicator return: „RA“
- Indicator pickup: 1 character: „1“ = standard pickup, „2“ = pickup a.s.a.p.
- Return customerID: 4 character: Specification by **nox**
- Return consignor customerID: 8 character: Unique address number of consignor
- Counter: 9 character

Example: RA2123487654321000000001

- Indicator return: RA
- Indicator pickup: 2 for a.s.a.p.
- Return customerID: 1234
- Return consignor customerID: 87654321
- Counter: 000000001



Determining the depot and tour routing

Note: the tour routing is a future extension of the shipping label. The field can currently be omitted from the label.

The loading plan currently only supports the determination of the depot routing via the combination of country and postal code of the recipient.

Determining the routing

1. filter on the country code
2. check the recipient zip code
3. transfer of the relation (if not equal to "00") as depot routing for the label

If no suitable routing or a "00" routing was determined, create a so-called "empty" routing:

- Depot routing: "XXXX"

Document control

Revision history

Date	Autor	Version	Changes
14.03.2024	Rolf Lorig	3.1.2	Logo changed
21.05.2024	Christian Brüggemann	4.1.1	New label design and tour routing added not published
26.09.2024	Christian Brüggemann	4.1.1	Tour routing is optional, description of the determining removed, weight symbol added

Reviewer

Date	Name	Version	Position
26.09.2024	Rolf Lorig	4.1.1	Senior EDI specialist
26.09.2024	Modesto Berdud-Merino	4.1.1	Leader customer implementation and solution development