



Support Info HIBC Barcodes

This document is for support purpose of Label ID Solutions products and covers FAQs of our helpdesk team to one specific topic. Please consider that all information's are based on the current technology standard and usually valid for one operating system.

HIBC decoded

The HIBC barcode is mainly used in the medical environment for product identification and traceability since 1984. It is characterized by variable lengths and alphanumeric content. There are different types of barcodes (symbolologies) used to print this barcodes.



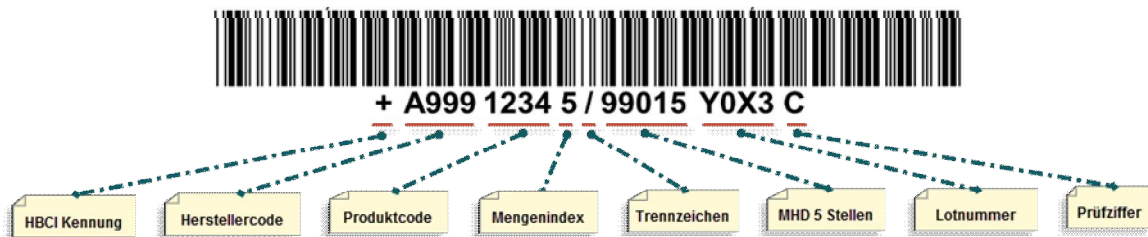
Note: Although a long time the code was 39 used to print HIBC barcodes, today are Code 128, Codablock, Datamatrix and QR code in use. We recommend the barcode Code128 and Data Matrix.

Barcode content: +A99912345/99015Y0X3C in this sequence: Code39, Code128, Codablock, QRcode, Datamatrix

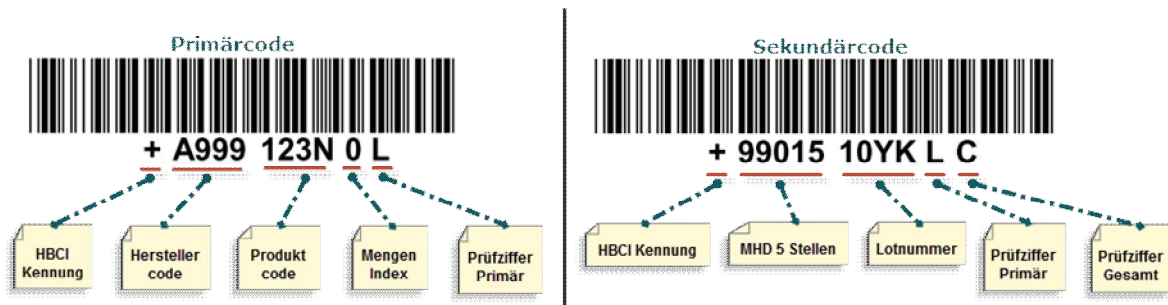


The data in the HIBC consist of the HIBC identifier (the familiar + at the beginning of the barcode) followed by a primary part (manufacturer code, product code and quantity index) and the secondary part (Expiry, lot number / serial number and optionally the quantity).

Both parts can be combined in one barcode (concatenated):



Or split into a primary and secondary barcode (linked):



The quantity index is either 0 (default package size), 1..8 (specified by the supplier unit) and 9 (variable packing unit with the exact amount in the secondary barcode).



Expiry date formats and quantities

To the possibility to offer different expiry date formats in the secondary barcode and optional product quantities, a special identifier (HIBC Flag) was introduced.

Without using this flag the Expiry date Format is YYJJJ (Year 2-digit and DayOfYear 3-digit)

Please find all 33 different formats with sample data below. In the sample data, we marked the following check digits (primary = P and secondary or if only one barcode = G)

Lot number 3C001 Date: 28.09.95 DayOfYear: 271 Quantity: 24/1000 Serial No: 0001

Nr.	HIBC Flag	Menge	MHD Flag	MHD Format	Musterdaten
1	+			YYJJJ	+ 95271 3C001 P G
2	+\$			Nur Lotnr.	+\$ 3C001 P G
3	++\$			MMYY	++\$ 0995 3C001 P G
4	++\$		2	MMDDYY	++\$2 092895 3C001 P G
5	++\$		3	YYMMDD	++\$3 950928 3C001 P G
6	++\$		4	YYMMDDHH	++\$4 95092822 3C001 P G
7	++\$		5	YYJJJ	++\$5 95271 3C001 P G
8	++\$		6	YYJJJHH	++\$6 9527122 3C001 P G
9	++\$		7	Nur Lotnr.	++\$7 3C001 P G
10	++\$8	QQ		MMYY	++\$8 24 0995 3C001 P G
11	++\$8	QQ	2	MMDDYY	++\$8 24 2 092895 3C001 P G
12	++\$8	QQ	3	YYMMDD	++\$8 24 3 950928 3C001 P G
13	++\$8	QQ	4	YYMMDDHH	++\$8 24 4 95092822 3C001 P G
14	++\$8	QQ	5	YYJJJ	++\$8 24 5 95271 3C001 P G
15	++\$8	QQ	6	YYJJJHH	++\$8 24 6 9527122 3C001 P G
16	++\$8	QQ	7	Kein MHD	++\$8 24 7 3C001 P G
17	++\$8	QQ		Nur Menge	++\$8 24 P G
18	++\$9	QQQQQ		MMYY	++\$9 00100 0995 3C001 P G
19	++\$9	QQQQQ	2	MMDDYY	++\$9 00100 2 092895 3C001 P G
20	++\$9	QQQQQ	3	YYMMDD	++\$9 00100 3 950928 3C001 P G
21	++\$9	QQQQQ	4	YYMMDDHH	++\$9 00100 4 95092822 3C001 P G
22	++\$9	QQQQQ	5	YYJJJ	++\$9 00100 5 95271 3C001 P G
23	++\$9	QQQQQ	6	YYJJJHH	++\$9 00100 6 9527122 3C001 P G
24	++\$9	QQQQQ	7	Kein MHD	++\$9 00100 7 3C001 P G
25	++\$9	QQQQQ		Nur Menge	++\$9 00100 P G
26	++\$+			Nur SerienNr.	++\$+ 0001 P G
27	++\$+\$			MMYY	++\$+\$ 0995 0001 P G
28	++\$+\$2			MMDDYY	++\$+\$2 092895 0001 P G
29	++\$+\$3			YYMMDD	++\$+\$3 950928 0001 P G
30	++\$+\$4			YYMMDDHH	++\$+\$4 95092822 0001 P G
31	++\$+\$5			YYJJJ	++\$+\$5 95271 0001 P G
32	++\$+\$6			YYJJJHH	++\$+\$6 9527122 0001 P G
33	++\$+\$7			Nur SerienNr.	++\$+\$7 0001 P G