


Guide to Generating the MAT-/COBA-Label

based on the Requirements on Marking of Goods and Accompanying Information for Purchased Production Parts

All information about the "MAT-Label" is described in the standard "MAT-Label, Version 2.6". This standard is deemed to be the overriding document. The guide serves to make clear what information is to be contained in the MAT-Label designed for VARTA. The COBA-Label, which can be used for packaging purposes, is described in addition.

Hyperlink: https://www.hella.com/hella-com/assets/media_global/MAT-LABEL_2014-06-01.pdf

Contents

1.	Purpose	3
2.	Responsible person	3
3.	Scope	3
4.	Procedure	3
4.1	Information content of the MAT-Label	3
4.2	VARTA requirements for the MAT-Label	6
4.2.1.	Label Version (Table no. 1)	7
4.2.2.	Customer Part Number (Table no. 2)	7
4.2.3.	Manufacturer Part Number (Table no. 3)	7
4.2.4.	Ordering Code (Table no. 4)	7
4.2.5.	Part Description / Part Name (Table no. 5)	7
4.2.6.	Manufacturer Number (Table no. 6)	7
4.2.7.	Manufacturer Location (Table no. 7)	7
4.2.8.	Revision Index (Table no. 8)	7
4.2.9.	Additional Part Information (Table no. 9)	7
4.2.10.	Date of Manufacturing (Table no. 10)	7
4.2.11.	Expiration Date (Table no. 11)	8
4.2.12.	RoHS (Table no. 12)	8
4.2.13.	MS-Level (Table no. 13)	8
4.2.14.	Purchase Order Number (Table no. 14)	8
4.2.15.	Shipping Note Number (Table no. 15)	8
4.2.16.	Supplier Name (Table no. 16)	9
4.2.17.	Supplier-ID (Table no. 17)	9
4.2.18.	Package-ID (Table no. 18)	9
4.2.19.	Quantity (Table no. 19)	9
4.2.20.	Batch-Counter (Table no. 20)	10
4.2.21.	Batch No. #1 (Table no. 21)	10
4.2.22.	Batch No. #2 (Table no. 22)	10
4.2.23.	Supplier Data (Table no. 23)	10
4.3	Examples of a MAT label	10
4.4	Description of the required data syntax	11
5.	The COBA label	12
5.1	Purpose	12
5.2	Information content of the COBA label	12
5.3	VARTA requirements for the COBA-Label (see 4.2 VARTA requirements for the MAT-Label)	15
5.4	Aggregate Batches (Table no. 24)	15
5.5	Description of the required data syntax with extended identifier 3Z and  12SCOBA	16
5.6	COBA as production-related resp. organizational label	17
6.	Schematical Visualization	18
6.1	Procedure for one or not more than two batches on the pallet	18
6.2	Procedure for more than two batches on the pallet	19
6.3	Label generation and label check	20
	Change history	21

1. Purpose

This guide describes the procedure of generating a label including the required information for VARTA AG and its affiliated companies, as defined in Sec. 15 AktG [German Stock Corporation Act].

2. Responsible person

The supplier appoints and communicates to VARTA AG in writing the person(s) responsible for generating the material, packaging and pallet labels.

3. Scope

VARTA AG as well as all affiliated companies.


4. Procedure

4.1 Information content of the MAT-Label

The tables below list the data fields to be provided by the supplier on the MAT-Label. They clearly define the information to be provided, the data identifier, the length and the format. The data fields are described in more detail in 4.2 VARTA requirements for the MAT-Label.

The Data Matrix Code (ECC 200) has to contain all required data fields. The column numbers indicate the order in which the data identifiers with the corresponding information have to be listed.

Please note that the data content of the respective fields can be different from plant to plant.

	The columns "Machine-Readable Code" and "Printed Text on the Label" indicate the information to be included in the Data Matrix Code ECC 200 and the information to be printed directly on the label.
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No.	Data Field	Definition / Description	Data Identifier	Length	Format	Example	Machine-Readable Code Data Matrix Code ECC 200	Printed Text on the Label	VARTA Request
Label Information									
1.	Label Version	The revision level is a fixed entry and serves the recognition of the label or its version.	12S	4	N ("0002")	0002 (fixed data)	yes	no	Mandatory
Part Information									
2.	Customer Part Number	Part number of the customer.	P	Max. 18	A/N ¹	706525	yes	yes (highlighted)	Mandatory
3.	Manufacturer Part Number	Internal manufacturer part number.	1P	Max. 35	A/N	1234567	yes	yes	Optional
4.	Ordering Code	Code for the part which non-ambiguously can be used for ordering it. Compared to the "Manufacturer Part Number", the Ordering Code may contain more information, e.g. Software Version in case of Microcontrollers or package form.	31P	Max. 35	A/N	123456789	yes	yes	Optional
5.	Part Description (Part Name)	Clear-text description of the part (or part name), so that persons who are not familiar with the manufacturer's naming convention can understand what kind of component this is.	-	Max. 30	A/N	10 nF / 50 V / Ker W204KLA	no	yes	Optional
6.	Manufacturer Number	Explicit identification for the manufacturer, e.g. DUNS-Nr. or mutual agreed manufacturer number.	12V	Max. 13	A/N	Ceramic condenser	Yes	no	Optional
7.	Manufacturer Location	Naming the manufacturing location / locations	10V	Max. 20	A/N	Pandora	No	yes	Optional
8.	Revision Index	Revision status of the part.	2P	Max. 14	A/N	VARTA index: Example 1: M005D001A001 Example 2: D001 (If only the drawing is available) M = Material specification (ZMS) D = Drawing (DRW / ZPC) A = Print data (VDD)	yes	yes	Mandatory
9.	Additional Part Information	Used differently by each plant, flexible filled, e.g. brightness of the LEDs.	20P	Max. 30	A/N	Tool, lane, cavity, etc.	yes	yes	Optional
More Part Information									
10.	Date of Manufacturing	The date of manufacture refers to the date of the last manufacturing process of the oldest batch contained.	6D	8	YYYYMMDD	20180411	yes	yes	Mandatory

¹ A/N= alphanumerical, N = numerical

Nr.	Data Field	Definition / Description	Data Identifier	Length	Format	Example	Machine-Readable Code Data Matrix Code ECC 200	Printed Text on the label	VARTA Request
11.	Expiration Date	The Expiration Date of the part (defined by the manufacturer (depending on production date of the oldest batch contained).	14D	8	YYYYMMDD	20220401	yes	yes	Mandatory
12.	RoHS	Indicator for RoHS compliance N: no RoHS Y: RoHS 0: not applicable	30P	1	A/N (upper case)	Y	yes	LOGO	Mandatory
13.	MS-Level	Moisture Sensitivity Level according to IPC / JEDEC J-STD-020.	Z	Max. 2	A/N, "N" if not applicable	1	yes	yes	Mandatory
Logistic and Traceability Information									
14.	Purchase Order Number	VARTA 10-digit order number with 5-digit item number	K	Max. 18	A/N	450012345600001	yes	yes	Optional
15.	Shipping Note Number	Shipping Note Number of the shipping note and MAT-Label must be the same.	16K	Max. 12	A/N	1234567	yes	yes	Optional
16.	Supplier Name (no real data field!)	NOT APPLICABLE							NOT APPLICABLE!
17.	Supplier-ID (vendor number)	The vendor number (of the customer) for the supplier. It has to be taken over from the order.	V	Max. 10	A/N	987654321	yes	yes	Mandatory
18.	Package-ID	The explicit, unique number per single package. It has to be unique per supplier-id (vendor number) and package. It is always related to the smallest package unit. If possible, chronologically related to the production process (e.g. reel-ID).	3S	13	A/N Capital letter only	S123456789012 (first Byte reserved for specifying single or master)	yes	yes	Mandatory
19.	Quantity	Quantity of the smallest package unit.	Q	Max. 18	12ISO3 To be aligned to the right	4000NAR000 (printed: 4000) 10KGM020 (printed: 10,02)	yes	yes (highlighted)	Mandatory
20.	Batch Counter	Batch Counter identifies the number of batches.	20T	1	N	2	Yes	yes	Mandatory
21.	Batch-No. #1	With this number the supplier has to be able to retroactively provide information about the batch (e.g. volume, production, delivery). A batch identification should be based on same manufacturing conditions. If a manufacturing condition changes, the batch number should be changed, too.	1T	Max. 17	A/N	1028475-5A	yes	yes	Mandatory
22.	Batch-No. #2	Batch number for the second batch - if applicable.	2T	Max. 17	A/N	N	yes	yes	Mandatory
Other									
23.	Supplier Data	Supplier own information that may be used by the supplier.	1Z	Max. 30	A/N	1234567	yes	no	Optional

4.2 VARTA requirements for the MAT-Label

	Data Field	Data Identifier	VARTA Request
1.	Label Version	12S	Mandatory
2.	Customer Part Number	P	Mandatory
3.	Manufacturer Part Number	1P	Optional
4.	Ordering Code	31P	Optional
5.	Part Description (Part Name)	-	Optional
6.	Manufacturer Number	12V	Optional
7.	Manufacturer Location	10V	Optional
8.	Revision Index	2P	Mandatory
9.	Additional Part Information	20P	Optional
10.	Date of Manufacturing	6D	Mandatory
11.	Expiration Date	14D	Mandatory
12.	RoHS	30P	Mandatory
13.	MS-Level	Z	Mandatory
14.	Purchase Order Number	K	Optional
15.	Shipping Note Number	16K	Optional
16.	Supplier Name (no real data field!)	-	NOT APPLICABLE!
17.	Supplier-ID	V	Mandatory
18.	Package-ID	3S	Mandatory
19.	Quantity	Q	Mandatory
20.	Batch-Counter	20T	Mandatory
21.	Batch-No. #1	1T	Mandatory
22.	Batch-No. #2	2T	Mandatory
23.	Supplier Data	1Z	Optional

4.2.1. Label Version (Table no. 1)

In the MAT-Label (Version 2.6), this is a fixed entry: "0002". "0002" indicates that it is an MAT-Label.

4.2.2. Customer Part Number (Table no. 2)

Part number of the customer; the format and design of the Customer Part Number has to correspond to the order. The Customer Part Number and the quantity have to be highlighted in bold font.

4.2.3. Manufacturer Part Number (Table no. 3)

Parts number under which the manufacturer identifies the material and which is generally used for the material.

4.2.4. Ordering Code (Table no. 4)

The ordering code can be a mutually agreed code for the material, which is unambiguous and could be used for ordering it. Compared to the Manufacturer Part Number, the Ordering Code may contain more information.

4.2.5. Part Description / Part Name (Table no. 5)

Name of the ordered material, which has to be printed on the MAT-Label using plain text only and highlighted. The customer designation of the material, as indicated in the order.

4.2.6. Manufacturer Number (Table no. 6)

Explicit identification for the manufacturer, e.g. DUNS No. or a mutually agreed manufacturer number (if the manufacturer is not the supplier).

4.2.7. Manufacturer Location (Table no. 7)

Identification of the manufacturing location (preferably the location of the final test of the material).

4.2.8. Revision Index (Table no. 8)

VARTA Index:

Example 1: M005D001A001

Example 2: D001 (if only the drawing is available)

M = material specification (ZMS)

D = drawing (DRW/ZPC)

A = print data (VDD)

4.2.9. Additional Part Information (Table no. 9)

This field can be flexibly used for additional information about the material, e.g. the tool used for manufacturing it (lane, cavity, etc.). If used, the content of this field must be mutually agreed between VARTA and the supplier.

If this field is filled with batch-relevant information, separate batch numbers have to be assigned.

4.2.10. Date of Manufacturing (Table no. 10)

This field states the date of manufacturing (also called "Date Code") in the date format YYYYMMDD.

Example: 01.03.2017 = 20170301

Dots (separators) are not allowed as code content!

4.2.11. Expiration Date (Table no. 11)

This field defines the expiration date of the material in the date format YYYYMMDD.

Example: 01.03.2019 = 20190301

Dots (separators) are not allowed as code content!

If no expiration date can be indicated, the data content is: "99991231" (YYYYMMDD)

4.2.12. RoHS (Table no. 12)

In the Data Matrix Code, a "Y" means compliance with the current RoHS directives and an "N" means non-compliance. If RoHS is not applicable, the field entry is "0" (zero). In case the material(s) is/are RoHS compliant, the RoHS symbol has to be printed on the MAT-Label. If this is not possible, the print of "RoHS" in letters (without symbol or logo) is allowed.

4.2.13. MS-Level (Table no. 13)

It is the moisture sensitivity level of the material according to industrial standard IPC / JEDEC J-STD-020. If the material is moisture-sensitive, then the MS-Level has to be entered according to the levels listed in the industrial standard IPC / JEDEC J-STD-020.

Moisture sensitivity level according to JEDEC J-STD standard:

Moisture sensitivity level	Floor life (out of bag) at factory ambient $\leq 30^{\circ}\text{C}$ / 60% RH or as stated
1	Unlimited at $\leq 30^{\circ}\text{C}$ / 85% RH
2	1 year
2a	4 weeks
3	168 hours
4	72 hours
5	48 hours
5a	24 hours
6	Mandatory bake before use. After bake, must be reflowed within the time specified on the label.
N	Not moisture-sensitive according to JEDEC J-STD standard

4.2.14. Purchase Order Number (Table no. 14)

The purchase order number is assigned as follows:

VARTA 10-digit order number with 5-digit item number
(if necessary, with leading zeros)

Example: 450012345600001

This has to be identical to the order number on the shipping note.

4.2.15. Shipping Note Number (Table no. 15)

The Shipping Note Number identifies the shipping. If only one container per shipping unit is delivered, the Shipping Note Number has to be indicated.

4.2.16. Supplier Name (Table no. 16)

Not applicable!

4.2.17. Supplier-ID (Table no. 17)

The Supplier-ID has to be taken over from the order.

4.2.18. Package-ID (Table no. 18)

The label must be marked with a unique and explicit package ID, which identifies the respective unit as unique. The following options for labelling should only serve as examples here:

Option	Beschreibung
1	Integration of the actual package-ID
2	Consecutive numbering of the label
3	Integration of the several palette-number
4	Integration of the several bag-number

4.2.19. Quantity (Table no. 19)

"Quantity" is the number or amount of materials contained in the packaging unit.

The format in the Data Matrix Code is 12ISO3, i.e. maximum 12 significant places and exactly 3 decimal places. Do not use leading zeros for the significant digits.

ISO denotes the identifier for the measuring unit (e.g. pieces, litres, etc.) according to the recommendation no. 20 of WP.4 of the UN / ECE, which is generally accepted for use in Electronic Data Exchange (EDI) and supported e.g. by SAP.

Measured Quantity	Measuring Unit	ISO Code
Number of articles	Pieces	NAR
Mass	Kg	KGM
Mass	Metric ton	TNE
Mass	Grams	GRM
Volume	Litres	LTR
Volume	Cubic metres	MTQ
Length	Metres	MTR
Length	Km	KMT

The printed quantity is separated by a comma or a dot instead of the ISO code.

Examples:

Quantity	Printed text	In Code
12 Kg	12 Kg	12KGM000
12.03 Kg	12.03 Kg	12KGM030
3000	3000	3000NAR000

If multiple codes are applicable, e.g. 5 reels of 60 kg each, the base unit of measure is used in the order. If "piece" is indicated in the order as the base unit of measure, NAR has to be used. If "kilogram" is indicated in the order, KGM has to be used.

Dots (separators) are not allowed as code content!

4.2.20. Batch-Counter (Table no. 20)

The Batch-Counter indicates the total number of batches in the smallest packaging unit. A maximum of two different batches are allowed in the smallest packaging unit. "1" is assigned if the packaging unit contains only one batch and "2" if it contains two batches.

4.2.21. Batch No. #1 (Table no. 21)

The data field "Batch-No. #1" contains an identification code for the production batch of the material (batch number, trace code, LOT number, etc.).

With this number, the supplier has to be able to trace back the production batch (e.g. volume, production, delivery, semi-finished goods).

4.2.22. Batch No. #2 (Table no. 22)

The data field "Batch-No. #2" contains an identification code for the second production batch of the material (batch number, trace code, LOT number, etc.).

In there are two batches in the packaging unit, the value in the field "Batch-No. #2" must not be equal to the value in the field "Batch-No. #1".


If there is a second batch in the packaging unit, the value in the field "Batch-Counter" has to be 2.

4.2.23. Supplier Data (Table no. 23)

This data field may be freely used by the supplier.

4.3 Examples of a MAT label


Is used for direct marking of the material


	2. Cust. Part Number: 706525	17. Supplier-ID: 987654321
	19. Quantity: 40.000	10. Date of Man.: 20180411
	3. Man. Part Number: 1234567	11. Expiration Date: 20220401
	5. Part Description: CUP 4607	
	21. Batch-No. #1: 1028475-5A	
22. Batch-No. #2: N	13. MS-Level: N	
7. Manufacturer Location: Pandora	4. Ordering Code: 123456789	
15. Shipping Note Number: 1234567	9. Add. Part Information: N	
18. Package-ID: S123456789012		
8. Revision Level: M005D001A001		
14. Purchase Order Number: 450012345600001		12. RoHS

Syntax of example

]>@06@12S0002@P706525@1P1234567@31P123456789@12V987654321@10VPandora@2
 PM005D001A001@20PN@6D20180411@14D20220401@30PY@Z1@K450012345600001@16
 K1234567@V987654321@3S123456789012@Q40000NAR000@20T1@1T1028475-
 5A@2TN@1Z1234567@@

If there is not enough space to attach the label, a smaller MAT-Label may be used. All data fields listed in the table have to be included in the Data Matrix Code. Only the printed information is reduced.

	2. Part No.:	706525	17. Supplier-ID:	987654321
	19. Quantity:	40.000	10. Prod. Date:	20180411
	3. Man. Part-No.:	1234567	11. Expiry Date:	20220401
	5. Part Name:	CUP 4607		
	14. Order Number:	450012345600001		

	2. Part No.:	706525	17. Supplier-ID:	987654321
	19. Quantity:	40.000	10. Prod. Date:	20180411
	21. 1. Batch:	1028475-5A	11. Expiry Date:	20220401
	22. 2. Batch:	N		
	14. Order Number:	450012345600001		

4.4 Description of the required data syntax

Syntax with @ instead of R_S , G_S and E_{O_T}

]>@06@12SLabel-Version@PCustomer-Part-Number@1PManufacturer-Part-Number@31POrdering-Code@12VManufacturer-Number@10VManufacturer-Location@2PIndex@20PAdd.Info@6DDate-of-Manufacturing@14DExpiry-Date@30PRoHS@ZMS-Level@KPurchase-Order-Number@16KShipping-Note-Number@VSupplier-ID@3SPackage-ID@QQuantity@20TBatch-ID@1T1.Batch@2T2.Batch@1ZSupplier-Data@@

@ = Separator nX = Data Identifier]>@06 = Header / Prefix @@ = Trailer / Suffix

5. The COBA label

5.1 Purpose


If there are more than two batches in a container, the **COBA-Label** should be used. This is described in the table below. All information has to be listed in the Data Matrix Code. The batches within the container have to be aggregated and listed under the identifier **3Z**, as described in 5.4. The exact syntax configuration of the Data Matrix Code can be seen in 5.5. The COBA-Label must be used for marking packages that contain more than two batches as well as for all comprehensive packaging units. An example of this procedure is visualized in chapter 6.


5.2 Information content of the COBA label

The tables below list the data fields to be provided by the supplier on the COBA-Label. They clearly define the information to be provided, the data identifier, the length and the format. The data fields are already described in more detail in 4.2 VARTA requirements for the MAT-Label.

The Data Matrix Code (ECC 200) has to contain all required data fields. The column numbers indicate the order in which the data identifiers with the corresponding information have to be listed.

Please note that the data content of the respective fields can be different from plant to plant.

	<p>The columns "Machine-Readable Code" and "Printed Text on the Label" indicate the information to be included in the Data Matrix Code ECC 200 and the information to be printed directly on the label.</p>
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	<p>If the expiration dates (no. 11) of the batches contained in the packaging unit are different, an extra label must be generated for each material / part.</p>
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VARTA recommendation:

Code size: 120 x 120 (pixel resolution)
 Label size (min.): 140 x 80 [mm]

No.	Data Field	Definition / Description	Data Identifier	Length	Format	Example	Machine-Readable Code Data Matrix Code ECC 200	Printed Text on the Label	VARTA Request
Label Information									
1.	Label Version	The revision level is a fixed entry and serves the recognition of the label or its version.	12S	4	A ("COBA")	COBA (fixed data)	yes	no	Mandatory
Part Information									
2.	Customer Part Number	Part number of the customer.	P	Max. 18	A/N ²	706525	yes	yes (highlighted)	Mandatory
3.	Manufacturer Part Number	Internal manufacturer part number.	1P	Max. 35	A/N	1234567	yes	yes	Optional
4.	Ordering Code	Code for the part which non-ambiguously can be used for ordering it. Compared to the "Manufacturer Part Number", the Ordering Code may contain more information, e.g. Software Version in case of Microcontrollers or package form.	31P	Max. 35	A/N	123456789	yes	yes	Optional
5.	Part Description (Part Name)	Clear-text description of the part (or part name), so that persons who are not familiar with the manufacturer's naming convention can understand what kind of component this is	-	Max. 30	A/N	10 nF / 50 V / Ker W204KLA	no	yes	Optional
6.	Manufacturer Number	Explicit identification for the manufacturer, e.g. DUNS-Nr. or mutual agreed manufacturer number.	12V	Max. 13	A/N	Ceramic condenser	yes	no	Optional
7.	Manufacturer Location	Naming the manufacturing location / locations	10V	Max. 20	A/N	Pandora	no	yes	Optional
8.	Revision Index	Revision status of the part.	2P	Max. 14	A/N	VARTA index: Example 1: M005D001A001 Example 2: D001 (if only the drawing is available) M = material specification (ZMS) D = drawing (DRW / ZPC) A = print data (VDD)	yes	yes	Mandatory
9.	Additional Part Information	Used differently by each plant, flexible filled, e.g. brightness of the LEDs.	20P	Max. 30	A/N	Tool, lane, cavity....	yes	yes	Optional
More Part Information									
10.	Date of Manufacturing	The date of manufacture refers to the date of the last manufacturing process of the oldest batch contained.	6D	8	YYYYMMDD	20180411	yes	yes	Mandatory

² A/N= alphanumerical, A = alphabetic

No.	Data Field	Definition / Description	Data Identifier	Length	Format	Example	Machine-Readable Code Data Matrix Code ECC 200	Printed Text on the label	VARTA Request
11.	Expiration Date	The Expiration Date of the part (defined by the manufacturer (depending on production date of the oldest batch contained).	14D	8	YYYYMMDD	20220401	yes	yes	Mandatory
12.	RoHS	Indicator for RoHS compliance N: no RoHS Y: RoHS 0: not applicable	30P	1	A/N ()	Y	yes	LOGO	Mandatory
13.	MS-Level	Moisture Sensitivity Level according to IPC / JEDEC J-STD-020.	Z	Max. 2	A/N, "N" if not applicable	1	yes	yes	Mandatory
Logistic and Traceability Information									
14.	Purchase Order Number	VARTA 10-digit order number with 5-digit item number (!!! Pay Attention !!! EXCEPTION in 5.6)	K	Max. 18	A/N	450012345600001	yes	yes	Mandatory (EXCEPTION: NOT APPLICABLE!)
15.	Shipping Note Number	Shipping Note Number of the shipping note and MAT-Label must be the same.	16K	Max. 12	A/N	1234567	yes	yes	Mandatory (EXCEPTION: NOT APPLICABLE!)
16.	Supplier Name (no real data field!)	NOT APPLICABLE!							NOT APPLICABLE!
17.	Supplier-ID	The vendor number (of the customer) for the supplier. It has to be taken over from the order.	V	Max. 10	A/N	987654321	yes	yes	Mandatory
18.	Package-ID	The explicit, unique number per single package. It has to be unique per supplier-id (vendor number) and package. It is always related to the smallest package unit. If possible, chronologically related to the production process (e.g. reel-ID).	3S	13	A/N Capital letter only	M123456789012 (first Byte reserved for specifying single or master)	yes	yes	Mandatory
19.	Quantity	Quantity of the smallest package unit.	Q	Max. 18	12ISO3 To be aligned to the right	4000NAR000 (printed: 4000) 10KGM020 (printed: 10,02)	yes	yes (highlighted)	Mandatory
20.	Batch Counter	Batch Counter identifies the number of batches	20T	2	N	40	yes	no	Mandatory
21.	Batch-No. #1	NOT APPLICABLE!							NOT APPLICABLE!
22.	Batch-No. #2	NOT APPLICABLE!							NOT APPLICABLE!
Other									
23.	Supplier Data	Supplier own information that may be used by the supplier.	1Z	Max. 30	A/N	1234567	yes	no	Optional
24.	Aggregate Batches	VARTA-specific combination of batches and quantities	3Z			11018060177-123-12#0500}	yes	no	Mandatory

5.3 VARTA requirements for the COBA-Label (see 4.2 VARTA requirements for the MAT-Label)

	Data Field	Data Identifier	VARTA Request
1.	Label Version	12S	Mandatory
2.	Customer Part Number	P	Mandatory
3.	Manufacturer Part Number	1P	Optional
4.	Ordering Code	31P	Optional
5.	Part Description (Part Name)	-	Optional
6.	Manufacturer Number	12V	Optional
7.	Manufacturer Location	10V	Optional
8.	Revision Index	2P	Mandatory
9.	Additional Part Information	20P	Optional
10.	Date of Manufacturing	6D	Mandatory
11.	Expiration Date	14D	Mandatory
12.	RoHS	30P	Mandatory
13.	MS-Level	Z	Mandatory
14.	Purchase Order Number (!!!Pay Attention!!! Except. in 5.6)	K	Mandatory Except.: NOT APPLICABLE!
15.	Shipping Note Number (!!!Pay Attention!!! Except. in 5.6)	16K	Mandatory Except.: NOT APPLICABLE!
16.	Supplier Name (no real data field!)	-	NOT APPLICABLE!
17.	Supplier-ID	V	Mandatory
18.	Package-ID	3S	Mandatory
19.	Quantity	Q	Mandatory
20.	Batch-Counter	20T	Mandatory
21.	Batch-No. #1	1T	NOT APPLICABLE!
22.	Batch-No. #2	2T	NOT APPLICABLE!
23.	Supplier Data	1Z	Optional
24.	Aggregate Batches	3Z	Mandatory

5.4 Aggregate Batches (Table no. 24)

If there are more than two batches in a packaging unit, they have to be aggregated and listed one after the other. In addition, the number of batches has to be indicated in the identifier Batch-Counter 20T (no. 20). A *maximum of 40 batches* may be listed on a COBA-Label. Should *more than 40 batches* be contained or should different material numbers be contained in a packaging unit, VARTA Microbattery GmbH has to be notified. The COBA-Label also always has to be used as palette label.

Example:

1TXF22#Q200
 1TXF23#Q200
 1TXF24#Q300
 1TXF26#Q200

@3Z{1TXF22#Q200KGM000}{1TXF23#Q200KGM000}{1TXF24#Q300KGM000}{1TXF26#Q200KGM000}

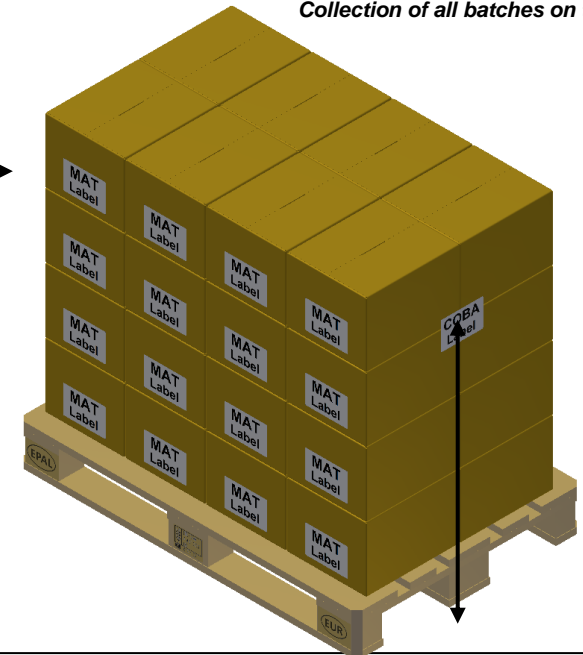
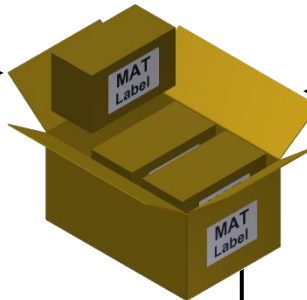
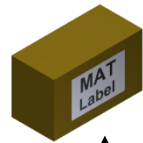
5.6 COBA as production-related resp. organizational label

In cases where the COBA label is used as an intermediate label on a production-related resp. organizational purpose, no order number (Table Pos. 14) and no shipping note number have to be mentioned on the intermediate labels.

6. Schematical Visualization

6.1 Procedure for one or not more than two batches on the pallet

MAT-Label at the smallest packaging level / or material direct marking



*COBA-Label = Pallet's Label
Collection of all batches on the range*

	2. Customer Part Number: 706525	17. Supplier-ID: 987654321
	19. Quantity: 40.000	23. Supplier Data: 1234567
	3. Manufacturer Part Number: 1234567	
	5. Part Description: CUP 4607	
	12. RoHS	
21. Batch-No. #1: 1028475-5A	10. Date of Manufacturing: 20180411	
22. Batch-No. #2: N	11. Expiration Date: 20220401	
7. Manufacturer Location: Pandora	13. MS-Level: N	
15. Shipping Note Number: 1234567	4. Ordering Code: 123456789	
18. Package-ID: S123456789012	9. Additional Part Information: N	
8. Revision Level: M005D001A001		
14. Purchase Order Number: 450012345600001		

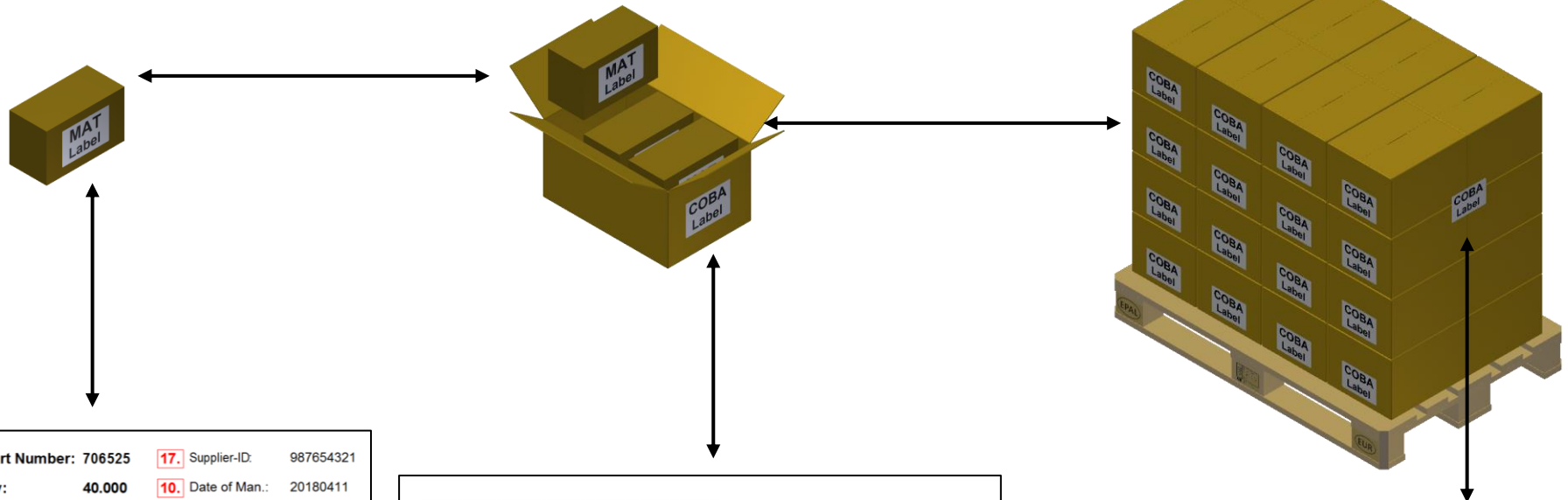
	2. Customer Part Number: 706525	17. Supplier-ID: 987654321
	19. Quantity: 120.000	23. Supplier Data: 1234567
	3. Manufacturer Part Number: 1234567	
	5. Part Description: CUP 4607	
	12. RoHS	
21. Batch-No. #1: 1028475-5A	10. Date of Manufacturing: 20180411	
22. Batch-No. #2: N	11. Expiration Date: 20220401	
7. Manufacturer Location: Pandora	13. MS-Level: N	
15. Shipping Note Number: 1234567	4. Ordering Code: 123456789	
18. Package-ID: S123456789012	9. Additional Part Information: N	
8. Revision Level: M005D001A001		
14. Purchase Order Number: 450012345600001		

	2. Part No.: 706525	
	19. Quantity: 1.600.000	
	4. Ordering Code: 123456789	
	9. Add. Info: N	
	5. Part Name: CUP 4607	
	10. Prod. Date: 20180411	
	11. Expiry Date: 20220401	
	17. Supplier-ID: 987654321	
	23. Supplier-Data: 1234567	
	3. Man. Part-No.: 1234567	
	15. Shipping Note: 1234567	
	14. Order Number: 450012345600001	
	12. RoHS	

6.2 Procedure for more than two batches on the pallet

MAT-Label at the smallest packaging level / or material direct marking

*COBA-Label = Pallet's Label
Collection of all batches on the range*



	2. Cust. Part Number: 706525	17. Supplier-ID: 987654321
	19. Quantity: 40.000	10. Date of Man.: 20180411
	3. Man. Part Number: 1234567	11. Expiration Date: 20220401
	5. Part Description: CUP 4607	
21. Batch-No. #1: 1028475-5A		13. MS-Level: N
22. Batch-No. #2: N		4. Ordering Code: 123456789
7. Manufacturer Location: Pandora		9. Add. Part Information: N
15. Shipping Note Number: 1234567		
18. Package-ID: S123456789012		
8. Revision Level: M005D001A001		
12. RoHS		

	2. Part No.: 706525
	19. Quantity: 120.000
	4. Ordering Code: 123456789
	9. Add. Info: N
	5. Part Name: CUP 4607
	10. Prod. Date: 20180411
	11. Expiry Date: 20220401
	17. Supplier-ID: 987654321
	23. Supplier-Data: 1234567
	3. Man. Part-No.: 1234567
	15. Shipping Note: 1234567
12. RoHS	

	2. Part No.: 706525
	19. Quantity: 1.600.000
	4. Ordering Code: 123456789
	9. Add. Info: N
	5. Part Name: CUP 4607
	10. Prod. Date: 20180411
	11. Expiry Date: 20220401
	17. Supplier-ID: 987654321
	23. Supplier-Data: 1234567
	3. Man. Part-No.: 1234567
	15. Shipping Note: 1234567
14. Order Number: 450012345600001	12. RoHS

6.3 Generate label and label check via portal

VARTA provides the supplier the possibility to check the respective label under the following link:

<https://production.varta-microbattery.com/matlabel/>

After entering the data (content of the DMC), an automatic field check is performed to determine whether all mandatory fields have been filled in correctly. However, this does not replace the plausibility check, which remains the responsibility of the supplier.

If there is no technical possibility to generate a MAT or COBA label, VARTA provides the possibility to do so via a portal. Please contact your respective contact person at VARTA to obtain the required access data for the portal.

Change history

Version	Issue	Explanatory notes
01	31/10/2018	First issue
02	01/02/2019	Fixtures
03	02/05/2019	Visualization
04	01/01/2020	Fixtures
05	01/07/2022	New: Section 6.3 Mandatory fields adapted (revision index, date of manufacture) Concretization of definition of date of manufacturing & Expiration Date
06	01/08/2023	Adjustment of section position from 6-digits to now 5-digits