



Instructions for address and shipment labels

1 H+S label requirements

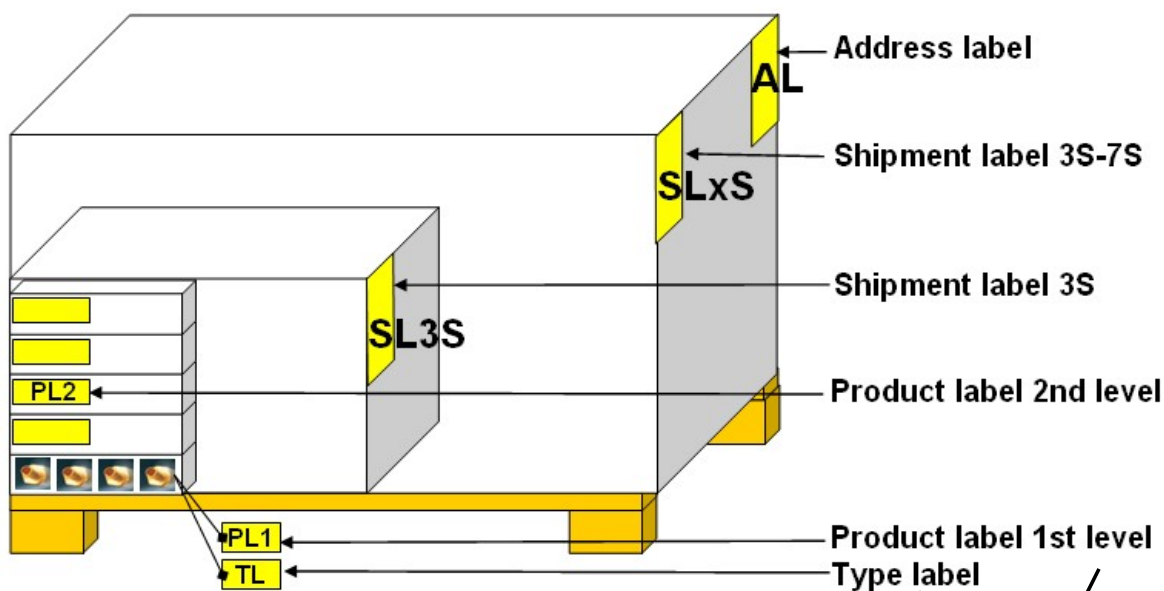
H+S label requirements follow the ANSI-Specification (**ASC_MH10.8.2**) for products and shipment labels.
Each shipment packaging level must be marked with the according shipment label.

2 Label hierarchy

2.1. Terminology

Label hierarchy	Label name	Label ID	Application
Type label	Type label	TL	Label on item
Product label	Product label 1 st level	PL1	Label on bag
	Product label 2 nd level	PL2	Label on spool
			Label on box
Shipment label	3S label	SL3S	1 item : 1 order : 1 handling unit
	4S label	SL4S	1 item : 1 order : n handling unit
	5S label	SL5S	n item : 1 order : 1 handling unit
	6S label	SL6S	1 item : n order : 1 handling unit
	7S label	SL7S	n item : n order : 1 handling unit
Address label	Address label	AL	

Scope of this document





3 Address Label

The address label is used to have an easy readable address field on the shipment box and a unique package identification number. This label is used only for the internal logistic.

Transport Prio:	Transport No:
01	20358
TO: Customer Name Address line Customer Country	
HU NO:	
00176118320000000474	
000474	

4 Shipment labels

The shipment label type is defined by the content of the package. The 3S-label can be used for direct shipment (outer packaging) of one order with one item and one order position. Also it is possible to use the 3S-label for intermediate packaging to separate the orders or items in the outer packaging box.

The labels 5S to 7S are the labels which can be just used for the outer package. It is not allowed to make an outer package around a 5S to 7S label. So you have to decide how you pack the orders and which label you use.

The following table does give an overview about packaging characteristics and correct content.

Further information you can find in the ANSI-standard.

ANSI shipment label type	3S Single item	5S Mixed load	6S Multi order	7S Multi mix order
Package characteristics	1 order 1 item no. 1 order pos.	1 order n item no. n order pos.	n orders 1 item no. n order pos.	n orders n item no. n order pos.

Label reference

(3L) SHIP FROM: <<3L>>	
(2L) SHIP TO: <<2L>>	
(9L) DROP OFF: <<9L>>	
(K) CUST PO: <<K>>	
CUST REF: <<YR>>	
(P) CUST PN: <<P>>	
(1P) SPLR PN: <<1P>>	(1D) SHIP DATE: <<1D>>
DESCRIPTION: <<DESC>>	(2K) SHIPMENT: <<2K>>
(Q) QTY: <<Q>>	VOLUME: <<VOL>>
(4L) ORIGIN: <<4L>>	(5Q) NET WT: <<5Q>>
	(2Q) ACT WT: <<2Q>>
HU NO: <<HU>>	
3S <<8S>>	

No.	Data field record (Example: H+S Part No.)
10	Fixed data: Field name
20	Variable data: Human readable
30	Variable data: Barcode



4.1 Data content

X: Mandatory

O: Optional

	Fixed data		Variable data			Remarks	3S	5S	6S	7S
Data field record	Field name	Min. Font size [mm]	Human readable (HR) [20]	Min. Font size [mm]	Barcode (BC) [30]					
Ship from	Ship from	2.5	<<3L>>	3	Code-128, type B, height 6mm		x	x	x	x
Ship to	Ship to	2.5	<<2L>>	5.2	Code-128, type B, height 6mm		x	x	x	x
SPLR Logo					Code-128, type B, height 6mm					
SPLR Item No.	(1P) SPLR PN	2.5	<<1P>>	2.5	Code-128, type B, height 6mm		x		x	
SPLR Lot No.	(1T) SPLR LOT	2.5	<<1T>>	2.5	Code-128, type B, height 6mm		O			
SPLR description	DESCRIPTION	2.5	<<DESC>>	2.5		3S: Item description 5S: MIXED LOAD 6S: MULTI ORDER 7S: MULTI MIX ORDER	x	x	x	x
Quantity	(Q) QTY	2.5	<<Q>>	2.5	Code-128, type B, height 6mm		x		x	
Volume	VOLUME	2.5	<<VOL>>				x	x	x	x
HU weight	(2Q) ACT WT	2.5	<<2Q>>	3		Gross weight	x	x	x	x
Country of origin	(4L) ORIGIN	2.5	<<4L>>	2.5	Code-128, type B, height 6mm	HR: Full text English BC: ISO 3166-2	x		x	
Ship date	(1D) SHIP DATE	2.5	<<1D>>	3		HR: DD.MM.YY	x	x	x	x
Transport No.	SHIPMENT	2.5	<<2K>>	3			x	x	x	x
2D Bar-code					PDF417, Security level: min.3 Truncated mode: On	All information's with identifiers (Para. 0)	O	O	O	O
CUST Purchase order	(K) CUST PO	2.5	<<K>>	2.5	Code-128, type B, height 6mm		x	x		
CUST Item No.	(P) CUST PN	2.5	<<P>>	2.5	Code-128, type B, height 6mm		x		x	
CUST Item description	DESCRIPTION	2.5	<<DESC>>	2.5			O		O	
CUST Lot No.	(T) CUST LOT	2.5	<<T>>	2.5	Code-128, type B, height 6mm		O		O	
Drop off	(9L) DROP OFF	2.5	<<9L>>	2.5			O	O	O	O
CUST Reference	CUST REF:	2.5	<<YR>>				x	x	x	x
HU No.	HU NO:	2.5	<<8S>>	6	Code-128, type B, height 6mm	Pack-ID SSCC	x	x	x	x

Data responsibility: **Customer**
Supplier (H+S)



Examples: Shipment labels

3S	6S																				
(3L) SHIP FROM: HUBER+SUHNER AG; 9100 Herisau; Switzerland (2L) SHIP TO: HUBER+SUHNER AG Mehlbehrenstrasse 6 DE-82024 Taufkirchen Germany (9L) DROP OFF: Building 2 / Gate 2 (K) CUST PO: 123456 CUST REF: PRJ: 1041 (P) CUST PN: 1171684 <table border="1"><tr><td>(1P) SPLR PN: 22540054 </td><td>(1D) SHIP DATE: 09.08.2012</td></tr><tr><td>DESCRIPTION: 11 BNC-50-3-5/122 NE</td><td>(2K) SHIPMENT: 20358</td></tr><tr><td>(Q) QTY: 2500 </td><td>VOLUME: 4.5 M3</td></tr><tr><td>(4L) ORIGIN: CH </td><td>(5Q) NET WT 90.42 KG</td></tr><tr><td>Switzerland</td><td>(2Q) ACT WT 110.56 KG</td></tr></table> HU NO: 3S 00176118320000000474	(1P) SPLR PN: 22540054 	(1D) SHIP DATE: 09.08.2012	DESCRIPTION: 11 BNC-50-3-5/122 NE	(2K) SHIPMENT: 20358	(Q) QTY: 2500 	VOLUME: 4.5 M3	(4L) ORIGIN: CH 	(5Q) NET WT 90.42 KG	Switzerland	(2Q) ACT WT 110.56 KG	(3L) SHIP FROM: HUBER+SUHNER AG; 9100 Herisau; Switzerland (2L) SHIP TO: HUBER+SUHNER AG Mehlbehrenstrasse 6 DE-82024 Taufkirchen Germany (9L) DROP OFF: Building 2 / Gate 2 T_ODREF_H PRJ 1042 (P) CUST PN: 1171084 <table border="1"><tr><td>(1P) SPLR PN: 22540054 </td><td>(1D) SHIP DATE: 09.08.2012</td></tr><tr><td>DESCRIPTION: MULTI ORDER</td><td>(2K) SHIPMENT: 20056</td></tr><tr><td>(Q) QTY: 5000 KG </td><td>VOLUME: 8 M3</td></tr><tr><td>(4L) ORIGIN: CH </td><td>(5Q) NET WT 160.5 KG</td></tr><tr><td>Switzerland</td><td>(2Q) ACT WT 183.12 KG</td></tr></table> HU NO: 6S 00176118320000000474	(1P) SPLR PN: 22540054 	(1D) SHIP DATE: 09.08.2012	DESCRIPTION: MULTI ORDER	(2K) SHIPMENT: 20056	(Q) QTY: 5000 KG 	VOLUME: 8 M3	(4L) ORIGIN: CH 	(5Q) NET WT 160.5 KG	Switzerland	(2Q) ACT WT 183.12 KG
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(5Q) NET WT 90.42 KG	(2Q) ACT WT 110.56 KG	(2K) SHIPMENT 20056	(1D) SHIP DATE 09.08.2012																		

4.2 Format and barcode requirements

4.2.1 Barcode

Barcode height	min. 6mm
Code Type	Code 128, Type B
Space (x-dimension)	min. 0.25 mm
Check character	1

4.2.2 Identifiers in barcode

Identifiers in 1D-barcodes are not standard.

Identifiers in 2D-Barcode are according **ANSI MH10.8.2**.

4.2.3 2D Barcode

The Content of a 2D-Barcode inherits a string with start-, separator-, data- and stop-terms. The start-, separator- and stop-terms are not printable and are defined as follows: (more information in **ISO/IEC 15434**)

[>^{R_s}06^{G_s} → the beginning symbol according to ANSI Standard

^{G_s} → delimiter symbol to show a new data content

^{R_s}E^{O_T} → end of data-string and end of 2D-Barcode

4.2.4 Example for CODESOFT®

**[>{RS}06{GS}1P22540045{GS}2PG{GS}Q5{GS}3QPC{GS}1T12345601{GS}16D20100211{GS}4LCH{RS}{EO
T}**

The red text symbols are to indicating the data content. You can find the definitions in paragraph 4.1 or in the ANSI-Standard “**ANSI MH10.8.2**”.

4.2.5 Allowed 2D-Barcodes

Data matrix:	PDF417:
	
ECC: 200 Element width (dots): 6 According to ISO/IEC 16022	Security Level: min. 3 Truncated mode: ON According to ISO/IEC 15438