



**Message definition
PRICAT
(Price/sales catalogue)
Initiative Fashion-Austria
EANCOM 2002 Syntax 3
Version 1.2**

Message Type: PRICAT
Message Version: 008 (EANCOM)
Responsible Agency: GS1 Austria
Directory Name: EDIFACT
Directory Version: D.01.B

About this document

EDIFACT is a set of internationally agreed standards for the electronic interchange of data that was limited in form of EANCOM to those components which are really relevant for the consumer goods industry. The goal of the Austrian FASHION-AUSTRIA-Initiative is, based on EANCOM to develop more precise standard profiles applicable in the Austrian consumer goods industry.

The practice in Austria today shows that normally two potential business partner which are intending to exchange data electronically come together with EANCOM specialists (GS1-Austria, Converter provider) and develop specific application profiles from the EANCOM standard which corresponds to their specific business needs. In order to save time and efforts it is necessary to try to reduce the complexity.

Standard application profiles should be seen as a recommendation from Fashion-Austria-Austria-Initiative aiming to promote fast and aria-wide implementation of EANCOM. They should unify the interpretation of all contained fields and cover „90 %“ of the business requirements. All requirements which are not a part of these standard application profiles have to be agreed bilateral between business partners.

All data fields marked as mandatory in the current documentation are considered as obligatory components in all EANCOM messages.

This document describes the data fields defined for this message type using EANCOM syntax. It deals only with these EANCOM-segments that are really relevant for the business purposes. **Therefore this document does not describe the whole set of EANCOM standards and does not replace the EANCOM manual.**

By this reason it is recommended by the implementation of this message to use beside this guideline also the EANCOM manual (available by GS1-Austria).

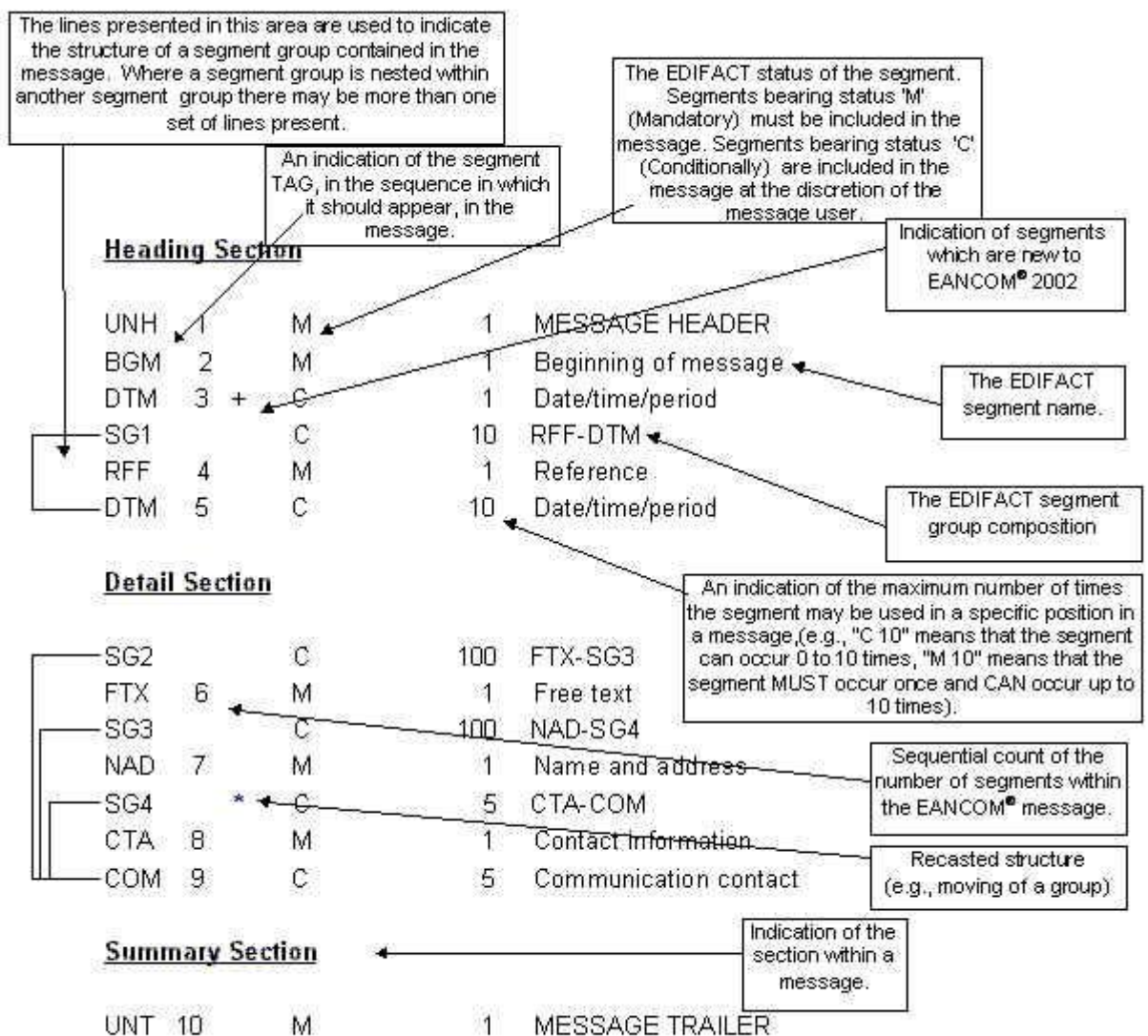
Document structure

1. Message structure
2. Business terms
3. Segment description

Message Structure Chart

Within every EANCOM® message a diagram is presented which explains the structure of the message.

The message structure chart is a sequential chart which presents the message in the sequence in which it must be formatted for transmission. Every message is structured and consists of three sections; a header, detail, and summary section. An example of a message structure chart follows:



Segments Layout

This section describes each segment used in the EANCOM Commercial invoice message. The original EDIFACT segment layout is listed. The appropriate comments relevant to the EANCOM subset are indicated.

Notes:

1. The segments are presented in the sequence in which they appear in the message. The segment or segment group tag is followed by the (M)andatory / (C)onditional indicator, the maximum number of occurrences and the segment description.
2. Reading from left to right, in column one, the data element tags and descriptions are shown, followed by in the third column the EDIFACT status (M or C), the field format, and the picture of the data elements. These first pieces of information constitute the original EDIFACT segment layout.

Following the EDIFACT information, EANCOM specific information is provided in the fourth, fifth and sixth columns. In the fourth column a status indicator for the use of (C)onditional EDIFACT data elements (see 2.1 through 2.3 below), in the fifth column the restricted indicator (see point 3 on the following page), and in the sixth column notes and code values used for specific data elements in the message.

2.1 (M)andatory data elements in EDIFACT segments retain their status in EANCOM.

2.2 Additionally, there are five types of status for data elements with a (C)onditional EDIFACT status, whether for simple, component or composite data elements. These are listed below and can be identified when relevant by the following abbreviations:

- | | | | |
|---|-----------|----------|--|
| - | REQUIRED | R | Indicates that the entity is required and must be sent. |
| - | ADVISED | A | Indicates that the entity is advised or recommended. |
| - | DEPENDENT | D | Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note. |
| - | OPTIONAL | O | Indicates that the entity is optional and may be sent at the discretion of the user. |
| - | NOT USED | N | Indicates that the entity is not used and should be omitted. |

2.3 If a composite is flagged as **N, NOT USED**, all data elements within that composite will have blank status indicators assigned to them.

3. Status indicators detailed in the fifth column which directly relate to the code values detailed in the first column may have two values:

- RESTRICTED * A data element marked with an asterix (*) in the fifth column is (are) the only codes available for use with this data element, in this segment, in this message.

- OPEN All data elements where coded representation of data is possible and a restricted set of code values is not indicated are open (no asterix in fourth column). The available codes are listed in the EANCOM Data Elements and Code Sets Directory. Code values may be given as examples or there may be a note on the format or type of code to be used.

Message structure

Price/sales catalogue message

UNA	1	C	1	Service string advice
UNB	2	M	1	Interchange header
UNH	3	M	1	Message header
BGM	4	M	1	Beginning of message
DTM	5	M	1	Date/time/period
SG2		M	2	NAD
NAD	6	M	1	Name and address
SG17		M	1	PGI-SG18-SG36
PGI	7	M	1	Product group information
SG18		M	1	CUX
CUX	8	M	1	Currencies
SG36		M	999999	LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56
LIN	9	M	1	Line item
PIA	10	M	5	Additional product id
IMD	11	M	99	Item description
QTY	12	C	2	Quantity
ALI	13	M	1	Additional information
DTM	14	C	3	Date/time/period
FTX	15	C	999	Free text
SG37		C	2	CCI-CAV
CCI	16	M	1	Characteristic/class id
CAV	17	M	2	Characteristic value
SG38		C	1	TAX
TAX	18	M	1	Duty/tax/fee details
SG40		M	20	PRI-CUX-APR
PRI	19	M	1	Price details
CUX	20	C	1	Currencies
APR	21	C	1	Additional price information
SG47		M	1	PAC-MEA
PAC	22	M	1	Package
MEA	23	C	4	Measurements
SG51		C	99	EFI-CED
EFI	24	M	1	External file link identification
CED	25	C	1	Computer environment details
SG52		C	1	NAD
NAD	26	M	1	Name and address
SG56		C	999	HYN-QTY
HYN	27	M	1	Hierarchy information
QTY	28	M	1	Quantity
UNT	29	M	1	Message trailer
UNZ	30	M	1	Interchange trailer

Business Terms

Business term	Description	Status	Format	Segment		Data element	
Message type	Price/sales catalogue	M	A/N 3	BGM		C002 1001	Document name code
Message number		M	N 16	BGM		C106 1004	Document identifier
Document date	Message date	M	D 8	DTM		C507 2380	Date or time or period value
Buyer		M	N 13	SG2 NAD		C082 3039	Party identifier
Supplier		M	N 13	SG2 NAD		C082 3039	Party identifier
Currency		M	A/N 3	SG18 CUX		C504 6345	Currency identification code
Position number		M	N 6	SG36 LIN		1082	Line item identifier
Article status	Added, Deleted, Changed, No action, Reactivated	M	A/N 3	SG36 LIN		1229	Action request/notification descripti
Article number	GTIN	M	N 14	SG36 LIN		C212 7140	Item identifier
Additional article number	assigned by the supplier	M	A/N 35	SG36 PIA		C212 7140	Item identifier
Forerunner article number	EAN or supplier internal number	O	A/N 35	SG36 PIA		C212 7140	Item identifier
Supplier internal product classification	internal	O	A/N 35	SG36 PIA		C212 7140	Item identifier
Industry specific product classification	FEADS product group	M	A/N 35	SG36 PIA		C212 7140	Item identifier
Customs number		O	A/N 11	SG36 PIA		C212 7140	Item identifier
Despatch unit	Qualifier	O	A/N 3	SG36 IMD		C273 7009	Item description code

Business Terms

Business term	Description	Status	Format	Segment	Data element
Invoicing unit	Qualifier	O	A/N 3	SG36 IMD	C273 7009 Item description code
Ordering unit	Qualifier	O	A/N 3	SG36 IMD	C273 7009 Item description code
Smallest unit	Qualifier (smallest unit)	M	A/N 3	SG36 IMD	C273 7009 Item description code
Packaging unit	Qualifier	M	A/N 3	SG36 IMD	C273 7009 Item description code
Base assortment		M	A/N 3	SG36 IMD	C273 7009 Item description code
Consumer unit	Qualifier	O	A/N 3	SG36 IMD	C273 7009 Item description code
NOS Qualifier		O	A/N 3	SG36 IMD	C273 7009 Item description code
Seasonal availability	Qualifier	O	A/N 3	SG36 IMD	C273 7009 Item description code
Colour	Code	M	A/N 17	SG36 IMD	C273 7009 Item description code
Catalogue number		O	A/N 17	SG36 IMD	C273 7009 Item description code
Theme/program number		O	A/N 17	SG36 IMD	C273 7009 Item description code
Free-form long description		O	A/N 25	SG36 IMD	C273 7008 Item description
Free-form short description		M	A/N 70	SG36 IMD	C273 7008 Item description
Brand name		M	A/N 35	SG36 IMD	C273 7008 Item description
Catalogue description		O	A/N 25	SG36 IMD	C273 7008 Item description
Colour	Description of the supplier	M	A/N 35	SG36 IMD	C273 7008 Item description

Business Terms

Business term	Description	Status	Format	Segment	Data element
Theme/program		O	A/N 25	SG36 IMD	C273 7008 Item description
Minimum order quantity		O	N 7	SG36 QTY	C186 6060 Quantity
Delivery batch		O	N 7	SG36 QTY	C186 6060 Quantity
Country of origin		M	A/N 3	SG36 ALI	3239 Country of origin name code
Effective date/time		M	D 8	SG36 DTM	C507 2380 Date or time or period value
Order date/time	from / until	O	D 8/16	SG36 DTM	C507 2380 Date or time or period value
Availability	Year, only in combination with seasonal qualifier (IMD)	O	D 4	SG36 DTM	C507 2380 Date or time or period value
Delivery time	from / until	O	D 8/16	SG36 DTM	C507 2380 Date or time or period value
ARA Qualifier	Yes/No	O	A/N 7	SG36 FTX	C107 4441 Free text value code
Goods description (material)		O	A/N 2X512	SG36 FTX	C108 4440 Free text value
Product / Safety information		O	A/N 256	SG36 FTX	C108 4440 Free text value
Supplier size, Attribute	FEDAS	M	A/N 17	SG37 CCI	C240 7037 Characteristic description code
Size characteristic		M	A/N 35	SG37 CAV	C889 7110 Characteristic value description
Size		M	A/N 35	SG37 CAV	C889 7110 Characteristic value description
VAT	in percent	O	N 2+2	SG38 TAX	C243 5278 Duty or tax or fee rate
Net price	List price	M	N 7+3	SG40 PRI	C509 5118 Price amount
Suggested retail price	incl. VAT	M	N 7+3	SG40 PRI	C509 5118 Price amount

Business Terms

Business term	Description	Status	Format	Segment	Data element
Currency		M	A/N 3	SG40 CUX	C504 6345 Currency identification code
Country for the indicated price	Code	M	A/N 3	SG40 APR	C960 4295 Change reason description code
Packaging type		O	A/N 3	SG47 PAC	C202 7065 Package type description code
Depth of the article	With or without package	O	N 7	SG47 MEA	C174 6314 Measurement value
Width of the article	With or without package	O	N 7	SG47 MEA	C174 6314 Measurement value
Height of the article	With or without package	O	N 7	SG47 MEA	C174 6314 Measurement value
Weight of the article	With or without package	O	N 7	SG47 MEA	C174 6314 Measurement value
External File	Name	O	A/N 35	SG51 EFI	C077 1508 File name
External file	Link	O	A/N 25	SG51 EFI	C077 7008 Item description
External file	Format	O	A/N 17	SG51 EFI	C099 1516 File format name
External file	Resolution	O	A/N 35	SG51 CED	C079 1510 Computer environment name
Manufacturer		O	N 13	SG52 NAD	C082 3039 Party identifier
Article number of the next lower packaging unit		O	N 14	SG56 HYN	C212 7140 Item identifier
Number of units in higher packaging or configuration level		O	N 6	SG56 QTY	C186 6060 Quantity

UNA - C 1 - Service string advice				
Function : To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.				
Segment number : 1				
Data element group/Data element	EDIFACT	ANW	*	Description
UNA1 Component data element separator	M an1	M	*	Used as a separator between component data elements contained within a composite data element (default value: ":")
UNA2 Data element separator	M an1	M	*	Used to separate two simple or composite data elements (default value: "+")
UNA3 Decimal notation	M an1	M	*	Used to indicate the character used for decimal notation (default value: ".")
UNA4 Release indicator	M an1	M	*	Used to restore any service character to its original specification (value: "?").
UNA5 Reserved for future use	M an1	M	*	Default value: "space"
UNA6 Segment terminator	M an1	M	*	Used to indicate the end of segment data (default value: "'")
<u>Segment notes:</u>				
This segment is used to inform the receiver of the interchange that a set of service string characters which are different to the default characters are being used.				
When using the default set of service characters, the UNA segment need not be sent. If it is sent, it must immediately precede the UNB segment and contain the four service string characters (positions UNA1, UNA2, UNA4 and UNA6) selected by the interchange sender.				
Regardless of whether or not all of the service string characters are being changed every data element within this segment must be filled, (i.e., if some default values are being used with user defined ones, both the default and user defined values must be specified).				
When expressing the service string characters in the UNA segment, it is not necessary to include any element separators. The use of the UNA segment is required when using a character set other than level A.				
Example: UNA:+.?'				

UNB - M 1 - Interchange header				
Function : To start, identify and specify an interchange.				
Segment number : 2				
Data element group/Data element	EDIFACT	ANW	*	Description
S001 Syntax identifier	M	M		
0001 Syntax identifier	M a4	M	*	UNOA = UN/ECE level A UNOB = UN/ECE level B UNOC = UN/ECE level C UNOD = UN/ECE level D UNOE = UN/ECE level E UNOF = UN/ECE level F
0002 Syntax version number	M n1	M	*	3 = Syntax version number 3
S002 Interchange sender	M	M		
0004 Sender identification	M an..35	M		GLN (n13)
0007 Partner identification code qualifier	C an..4	R	*	14 = EAN International
0008 Address for reverse routing	C an..14	N		
S003 Interchange recipient	M	M		
0010 Recipient identification	M an..35	M		GLN (n13)
0007 Partner identification code qualifier	C an..4	R	*	14 = EAN International.
0014 Routing address	C an..14	O		
S004 Date/time of preparation	M	M		
0017 Date of preparation	M n6	M		YYMMDD
0019 Time of preparation	M n4	M		HHMM
0020 Interchange control reference	M an..14	M		Unique reference identifying the interchange. Created by the interchange sender.
S005 Recipient's reference, password	C	O		
0022 Recipient's reference/password	M an..14	M		
0025 Recipient's reference/password qualifier	C an2	O		
0026 Application reference	C an..14	O		Message identification if the interchange contains only one type of message.
0029 Processing priority code	C a1	O		
0031 Acknowledgement request	C n1	O		
0032 Communications agreement ID	C an..35	O	*	EANCOM....
0035 Test indicator	C n1	O		1 = Interchange is a test

Segment notes:

This segment is used to envelope the interchange, as well as to identify both, the party to whom the interchange is sent and the party who has sent the interchange. The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents, and which details, both the address where delivery is to take place and the address from where the envelope has come.

DE 0001: The recommended (default) character set for use in EANCOM® for international exchanges is character set A (UNOA). Should users wish to use character sets other than A, an agreement on which set to use should be reached on a bilateral basis before communications begin.

DE 0004 and 0010: Within EANCOM® the use of the Global Location Number (GLN), is recommended for the identification of the interchange sender and recipient.

DE 0008: The address for reverse routing is provided by the interchange sender to inform the interchange recipient of the address within the sender's system to which responding interchanges must be sent. It is recommended that the GLN be used for this purpose.

DE 0014: The address for routing, provided beforehand by the interchange recipient, is used by the interchange sender to inform the recipient of the internal address, within the latter's systems, to which the interchange should be routed. It is recommended that the GLN be used for this purpose.

DE S004: The date and time specified in this composite should be the date and time at which the interchange sender prepared the interchange. This date and time may not necessarily be the same as the date and time of contained messages.

DE 0020: The interchange control reference number is generated by the interchange sender and is used to identify uniquely each interchange. Should the interchange sender wish to re-use interchange control reference numbers, it is recommended that each number be preserved for at least a period of three months before being re-used. In order to guarantee uniqueness, the interchange control reference number should always be linked to the interchange sender's identification (DE 0004).

DE S005: The use of passwords must first be agreed bilaterally by the parties exchanging the interchange.

DE 0026: This data element is used to identify the application, on the interchange recipient's system, to which the interchange is directed. This data element may only be used if the interchange contains only one type of message, (e.g. only invoices). The reference used in this data element is assigned by the interchange sender.

DE 0031: This data element is used to indicate whether an acknowledgement to the interchange is required. The EANCOM® APERAK or CONTRL message should be used to provide acknowledgement of interchange receipt. In addition, the EANCOM® CONTRL message may be used to indicate when an interchange has been rejected due to syntax errors.

DE 0032: This data element is used to identify any underlying agreements which control the exchange of data. Within EANCOM®, the identity of such agreements must start with the letters 'EANCOM', the remaining characters within the data element being filled according to bilateral agreements.

Example:

UNB+UNOA:3+5412345678908:14+8798765432106:14+020102:1000+12345555++++EANCOMREF 52'

UNH - M		1 - Message header		
Function :		To head, identify and specify a message.		
Segment number :		3		
Data element group/Data element	EDIFACT	ANW	*	Description
0062 Message reference number	M an..14	M		Unique reference number assigned to a message within an interchange by the sender.
S009 Message identifier	M	M		
0065 Message type	M an..6	M	*	PRICAT = Price/sales catalogue message
0052 Message version number	M an..3	M	*	D = Draft version/UN/EDIFACT Directory
0054 Message release number	M an..3	M	*	01B = Release 2001 - B
0051 Controlling agency	M an..2	M	*	UN = UN/CEFACT
0057 Association assigned code	C an..6	R	*	EAN008 = EAN version control number (EAN Code) Indicates that the message is an EANCOM version 008 of the UNSM Price/Sales Catalogue
0068 Common access reference	C an..35	N		
S010 Status of the transfer	C	N		
0070 Sequence of transfers	M n..2			
0073 First and last transfer	C a1			
<u>Segment notes:</u>				
Example: UNH+ME000001+PRICAT:D:01B:UN:EAN008'				

BGM - M					1 - Beginning of message				
Function :					To indicate the type and function of a message and to transmit the identifying number.				
Segment number :					4				
Data element group/Data element		EDIFACT	ANW	*	Description				
C002	Document/message name	R	R						
1001	Document name code	C an..3	R	*	9 = Price/sales catalogue				
1131	Code list identification code	C an..17	N						
3055	Code list responsible agency code	C an..3	N						
1000	Document name	C an..35	N						
C106	Document/message identification	R	R						
1004	Document identifier	C an..35	R		Message number for price/sales catalogue				
1056	Version identifier	C an..9	N						
1060	Revision identifier	C an..6	N						
1225	Message function code	C an..3	R	*	9 = Original				
4343	Response type code	C an..3	N						
<u>Segment notes:</u>									
- Message type - Price/sales catalogue (DE1001 = 9); Mandatory ; A/N 3 BGM+9+3574+9'									
- Price/sales catalogue message number (DE1004); Mandatory; N 25 BGM+9+32458+9'									

DTM - M 1 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 5				
Data element group/Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	137 = Document/message date/time
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	R	*	102 = CCYYMMDD
<u>Segment notes:</u>				
This segment is used to specify the date of the Price/Sales Catalogue.				
- Message date; Mandatory; D8 DTM+137:20060301:102'				

SG2 - M	2 - NAD				
NAD - M	1 - Name and address				
Function	:	To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.			
Segment number	:	6			
Data element group/Data element	EDIFACT	ANW	*	Description	
3035 Party function code qualifier	M an..3	M	*	BY = Buyer SU = Supplier	
C082 Party identification details	M	M			
3039 Party identifier	M an..35	M	*	GLN - Format n13	
1131 Code list identification code	N an..17	N			
3055 Code list responsible agency code	C an..3	R	*	9 = EAN (International Article Numbering Association)	
C058 Name and address	C	N			
3124 Name and address description	M an..35				
3124 Name and address description	C an..35				
3124 Name and address description	C an..35				
3124 Name and address description	C an..35				
3124 Name and address description	C an..35				
C080 Party name	C	N			
3036 Party name	M an..35				
3036 Party name	C an..35				
3036 Party name	C an..35				
3036 Party name	C an..35				
3036 Party name	C an..35				
3045 Party name format code	C an..3				
C059 Street	C	N			
3042 Street and number or post office box identifier	M an..35				
3042 Street and number or post office box identifier	C an..35				
3042 Street and number or post office box identifier	C an..35				
3042 Street and number or post office box identifier	C an..35				

Data element group/Data element	EDIFACT	ANW	*	Description
3164 City name	C an..35	N		
C819 Country sub-entity details	C	N		
3229 Country sub-entity name code	C an..9			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
3228 Country sub-entity name	C an..70			
3251 Postal identification code	C an..17	N		
3207 Country name code	C an..3	N		
<u>Segment notes:</u> This segment is used to identify the trading partners involved in the Price/Sales Catalogue process - Buyer (DE3035 = BY); Mandatory, N 13 NAD+BY+9012345000004::9' - Supplier (DE3035 = SU); Mandatory; N 13 NAD+SU+9012345000011::9'				

SG17 - M	1 - PGI-SG18-SG36				
PGI - M	1 - Product group information				
Function	:	To indicate the group in which a product belongs.			
Segment number	:	7			
Data element group/Data element	EDIFACT	ANW	*	Description	
5379 Product group type code	M an..3	M	*	2 = No price group used	
C288 Product group	C	N			
5389 Product group name code	C an..25				
1131 Code list identification code	C an..17				
3055 Code list responsible agency code	C an..3				
5388 Product group name	C an..35				
<u>Segment notes:</u>					
This segment is used to group a set of related products together.					
The detail section of the Price/Sales Catalogue starts with the PGI segment.					
Example:					
PGI+2'					

SG17 - M	1 - PGI-SG18-SG36			
SG18 - M	1 - CUX			
CUX - M	1 - Currencies			
Function :	To specify currencies used in the transaction and relevant details for the rate of exchange.			
Segment number :	8			
Data element group/Data element	EDIFACT	ANW	*	Description
C504 Currency details	C	R		
6347 Currency usage code qualifier	M an..3	M	*	2 = Reference currency
6345 Currency identification code	C an..3	R		EUR = Euro (EAN-Code)
6343 Currency type code qualifier	C an..3	R	*	8 = Price list currency
6348 Currency rate value	C n..4	N		
C504 Currency details	C	N		
6347 Currency usage code qualifier	M an..3			
6345 Currency identification code	C an..3			
6343 Currency type code qualifier	C an..3			
6348 Currency rate value	C n..4			
5402 Currency exchange rate	C n..12	N		
6341 Exchange rate currency market identifier	C an..3	N		
<u>Segment notes:</u>				
- Currency; Mandatory; A/N 3 CUX+2:EUR:8'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
LIN - M	1 - Line item			
Function :	To identify a line item and configuration.			
Segment number :	9			
Data element group/Data element	EDIFACT	ANW	*	Description
1082 Line item identifier	C an..6	R		Application generated number of the lines within the Price/Sales Catalogue message.
1229 Action request/notification description code	C an..3	R	*	1 = Added 2 = Deleted 3 = Changed 4 = No action 74 = Reactivated
C212 Item number identification	R	R		
7140 Item identifier	C an..35	M		Format n..14 EAN/GTIN - number of the article
7143 Item type identification code	C an..3	R	*	SRV = EAN.UCC Global Trade Item Number
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
C829 Sub-line information	C	N		
5495 Sub-line indicator code	C an..3			
1082 Line item identifier	C an..6	N		
1222 Configuration level number	C n..2	N		
7083 Configuration operation code	C an..3	N		

Segment notes:

This segment is used to identify the current line using the international article number EAN/Global Trade Item Number (GTIN).

- Article identification (DE7140); Mandatory; N14
LIN+1+3+9054321444441:SRV'

- Article status (DE1229); Mandatory; A/N 3

Status '**Added**': status 'Added' is always used when the article/consumer unit is communicated for the first time. The related effective date (DTM-Segment) identifies the date when this article/consumer unit becomes effective.

Status '**Changed**': A change of a given article can be made only if this article has been already communicated as added = status ,Added'. The related effective date (DTM-Segment) may not precede the effective date of the status 'Added'.

Status '**Deleted**': Status 'Deleted' together with the related effective date (DTM-Segment) is to be used when a given article/consumer unit is not offered on the market any more. On the specified effective date this article becomes obsolete.

Status '**No action**': This status may be used only if the status of the article is not set to 'Deleted'. This information is communicated only for consistency purposes.

Status '**Reactivated**': This status is used to reactivate an already ,deleted' article. The related effective date must be greater than or equal to the effective date when the article has become status 'Deleted'.

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
PIA - M	5 - Additional product id			
Function :	To specify additional or substitutional item identification codes.			
Segment number :	10			
Data element group/Data element	EDIFACT	ANW	*	Description
4347 Product identifier code qualifier	M an..3	M	*	1 = Additional identification 4 = Substituted for
C212 Item number identification	M	M		
7140 Item identifier	M an..35	M		
7143 Item type identification code	M an..3	M	*	SA = Supplier's article number SRV = EAN.UCC Global Trade Item Number GD = Industry sector article group number/product classification code (GS1 Code) HS = Harmonised system
1131 Code list identification code	D an..17	D	*	FEDAS = Product group key FEDAS (DE-Code)
3055 Code list responsible agency code	D an..3	D	*	246 = DE, Centrale for Coorganisation GmbH
C212 Item number identification	N	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
C212 Item number identification	N	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C212 Item number identification	N	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C212 Item number identification	N	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C212 Item number identification	N	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C212 Item number identification	N	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C212 Item number identification	N	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			

Data element group/Data element	EDIFACT	ANW	*	Description
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<p><u>Segment notes:</u></p> <p>- Additional product identification (DE4347 = 1); Optional; A/N 35 PIA+1+ABF5682:SA'</p> <p>- Number of the original article that was substituted (DE4347 = 4); Optional; A/N 35 Item number of the original item (forerunner item) that was substituted by the current base article or package unit. When the base article or the package unit has a forerunner item, e.g. by relaunch or by article change connected with article number change, then the forerunner item number must be provided here. This information implicates that the current item is a replacement article or a replacement package unit and is used to show the connection between the original item (forerunner item) and the replacement item in the partner's system. PIA+4+9099999300414:SRV' (forerunner item with GTIN)</p> <p>- Supplier's internal product classification (DE7143 = GU); Optional; A/N 35 This information should be agreed bilaterally! PIA+1+COD:GU'</p> <p>-Industry specific product classification (Product group key FEDAS) (DE7143 = GD); Mandatory; A/N 35 PIA+1+100982:GD:FEDAS:246'</p> <p>-Customs number (DE7143 = HS); Optional; A/N 11 PIA+1+145832568:HS'</p>				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
IMD - M	99 - Item description			
Function	: To describe an item in either an industry or free format.			
Segment number	: 11			
Data element group/Data element	EDIFACT	ANW	*	Description
7077 Description format code	C an..3	M	*	A = Free-form long description B = Code and text C = Code E = Free-form short description F = Free-form
C272 Item characteristic	C	M		
7081 Item characteristic code	C an..3	M		BRN = Brand name (EAN Code) 35 = Colour 78 = Edition TPE = Article type (EAN Code)
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	D	*	9 = GS1
C273 Item description	C	R		
7009 Item description code	C an..17	D	*	DU = Despatch unit (EAN-Code) IN = Invoicing unit (EAN Code) ORU = Ordering unit (EAN Code) SU = Smallest unit (EAN Code) NS = Not smallest unit (EAN Code) SG = Standard group of products (mixed assortment) (EAN Code) CU = Consumer unit (EAN-Code) NOS = NOS-article (DE-Code) FS = Available in spring-summer (EAN-Code) HW = Handling unit (EAN-Code) D = Available all the year round (EAN-Code)
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	D	*	9 = GS1 246 = GS1 Germany Code 9 must be used if DE7009 contains an EAN Code. Code 246 must be used if DE7009 contains an CCG-Code. 90 = Assigned by manufacturer 91 = Assigned by supplier or supplier's agent
7008 Item description	C an..256	D		
7008 Item description	C an..256	N		
3453 Language name code	C an..3	O		

Data element group/Data element	EDIFACT	ANW	*	Description
7383 Surface or layer code	C an..3	N		

Segment notes:

This segment is used to describe the current line item.

- Article long description; Optional; A/N 256

The article long description is used to provide a unique description of the characteristic article parameters. Additional information regarding content dimensions and content substances can be also provided here.

IMD+A+++::ARTICLE DESCRIPTION' or IMD+A+++::ARTIKELDESCRIPTION::DE'

- Article short description; Optional; A/N 70

The article short description can be used, for example as an article description in invoices or orders.

IMD+E+++::ARTIKELKURZTEXT'

- Despatch unit, qualifier; Optional; A/N 3

When the base article/base assortment is delivered also as a single unit the article itself serves as a despatch unit (= "yes").

When the base article/base assortment is delivered only in a super ordinate package, e.g. is packed in more than one carton, then the super ordinate package serves as a despatch unit and not the base article/base assortment.

IMD+C++DU::9'

- Invoicing unit, qualifier; Optional; A/N 3

Provides information if the base article/package unit will be invoiced or not.

When the base article/package unit will not be invoiced as a single unit but only more times within a super ordinate package, the value "no" must be set. In this case the respective super ordinate packages should be identified as invoicing units.

IMD+C++IN::9'

- Ordering unit, qualifier; Optional; A/N 3

Provides information if the base article/package unit is an ordering unit or not.

When the base article/package unit will not be ordered as a single unit but only more times within a super ordinate package or transport unit, the value "no" must be set. In this case the respective super ordinate packages or transport units should be identified as ordering units. It is possible to define each base article/base assortment and each further package unit within the package hierarchy separately as an ordering unit.

IMD+C++ORU::9'

- Consumer unit, Qualifier; Optional; A/N 3

IMD+C++CU::9'

- NOS (=Never Out of Stock); Qualifier, Optional; A/N 3

IMD+C++NOS::246'

- Base article (smallest unit); Mandatory*); A/N 3

Base article is a separate article or a group of articles, which are the smallest part of a product for sale, usually trade or consumer unit.

IMD+C++SU::9'

- Standard group of products (mixed assortment); Mandatory*); A/N 3

Standard groups of products are combinations of minimum two different articles or article sorts or package units. The assortment components must exist also as separate articles. Normally the base assortment is an ordering or despatch packaging that is offered for sale. A base assortment must be always provided together with minimum two HYN-Segments (like a kind of piece list) with the related QTY-Segments.

IMD+C++SG::9'

- Package unit (not the smallest unit); Mandatory*); A/N 3

All package units related to the base article respectively base assortment must be displayed.

For each package unit should be provided exactly one HYN-Segment and the related QTY-Segment (SG56) as relation to the next lower contained package unit respectively base article!

IMD+C++NS::9'

- Brand name of the article; Mandatory; A/N 35

IMD+F+BRN::9+::STAR SOCKS'

- Seasonal qualifier; Optional; (DE7009); A/N 3
 IMD+C++FS::9' - Available in spring-summer
 IMD+C++HW::9' - Available in autumn-winter
 IMD+C++D::9' - Available all the year round

- Colour; Mandatory; A/N 17
 IMD+B+35+MABLUE::91:MARINE BLUE'

- Catalogue number / qualifier; Optional
 IMD+B+78+05-2004::91:BEAUTIFUL SUMMER::EN'

- Number and description of the program; Optional
 IMD+B+TPE::9+0815::91:GREENPOPS::EN'

*) Rules for representation of the information about base articles/ base assortments and the related package units:

- Both (base articles/ base assortments and package units) must be represented as main - (LIN-) positions and in a complete form (even by insignificant changes), this means that all mandatory segments and data elements must be transmitted.

- The whole information about the product must be provided in an interrelated group and in a strict defined sequence beginning with the main position of the smallest unit within the package hierarchy. This smallest unit can be a base article or a base assortment. It is followed by all related package units - represented one after the other in free sequence among themselves.

Example:

Base article(= smallest unit): 1 pair socks:

LIN+1+1+9099999300414:SRV'

...

IMD+C++SU::9'

...

no reference information = no HYN!

Package unit I: Box with 6 pairs socks (Delivery unit)

with reference to the next lower package unit = 1 pair socks (= base article):

LIN+2+1+9099999300476:SRV'

...

IMD+C++NS::9'

IMD+C++DU::9'

...

HYN+2+2++9099999300414:SRV'

QTY+45E:6'

Package unit II: Carton with 24 boxes, each of them containing 6 pairs socks (Delivery unit) with reference to the next lower package unit = box with 6 pairs socks:

LIN+3+1+9033333500009:SRV'

...

IMD+C++NS::9'

IMD+C++DU::9'

...

HYN+2+2++9099999300476:SRV'

QTY+45E:24'

- Reference to the assortment components (= piece list) within a given base assortment.

On the main position is represented the base assortment (not base article). It is followed by minimum two HYN-Segments (SG 56) with the related QTY-Segment which represent the EAN and respectively the quantity of each separate assortment component.

Example:

Base assortment (= smallest unit): Mixed carton (Delivery unit) containing 3 different sorts, e.g. colour variants of the product

with reference to the 3 contained sorts or variants (EAN):

LIN+6+1+9012345987770:SRV'

...

```
IMD+C++SG::9'  
IMD+C++DU::9'  
...  
HYN+2+2++ 9049888888882:SRV'  
QTY+45E:50'  
HYN+2+2++9049777777778:SRV'  
QTY+45E:20'  
HYN+2+2++9049666666664:SRV'  
QTY+45E:20'
```

SG17 - M 1 - PGI-SG18-SG36				
SG36 - M 999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56				
QTY - C 2- Quantity				
Function : To specify a pertinent quantity.				
Segment number : 12				
Data element group/Data element	EDIFACT	ANW	*	Description
C186 Quantity details	M	M		
6063 Quantity type code qualifier	M an..3	M	*	53 = Minimum order quantity 164 = Delivery batch
6060 Quantity	M an..35	M		
6411 Measurement unit code	C an..3	C	*	PCE = Piece
<u>Segment notes:</u>				
This segment is used to provide quantity information for the current line item.				
- Minimum order quantity; Optional; N 7 Minimum quantity that must be ordered to initiate the delivery process by the supplier. QTY+53:3'				
- Delivery batch; Optional; N7 QTY+164:3:PCE'				

SG17 - M 1 - PGI-SG18-SG36				
SG36 - M 999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56				
ALI - M 1 - Additional information				
Function : To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.				
Segment number : 13				
Data element group/Data element	EDIFACT	ANW	*	Description
3239 Country of origin name code	C an..3	M		AT = AUSTRIA DE = GERMANY
9213 Duty regime type code	C an..3	N		
4183 Special condition code	C an..3	N		
4183 Special condition code	C an..3	N		
4183 Special condition code	C an..3	N		
4183 Special condition code	C an..3	N		
4183 Special condition code	C an..3	N		
<u>Segment notes:</u>				
- Country of origin; Mandatory; A/N 3 ALI+AT'				
DE 3239: For further codes see the code list				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
DTM - C	3 - Date/time/period			
Function :	To specify date, and/or time, or period.			
Segment number :	14			
Data element group/Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M			
2005 Date or time or period function code qualifier	M an..3	M	*	44 = Availability 7 = Effective date/time 4 = Order date/time 76 = Delivery date/time, scheduled for
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	R	*	102 = CCYYMMDD 718 = CCYYMMDD-CCYYMMDD 602 = YYYY
<u>Segment notes:</u>				
- Effective date/time; Mandatory; D 8 The date when the information about the article becomes effective. DTM+7:20070420:102'				
- Order date, from - until; Optional; D 8 / D 16 Orderable just in combination with order unit (IMD Segment) DTM+4:2007042020070620:718' DTM+4:20070420:102'				
- Available from - until; Optional; D 8 / D 16 Orderable in combination with ordering unit (IMD Segment) DTM+76:2007042020070620:718' DTM+76:20070420:102'				
- Seasonal availability, start- and end date; Optional; D4 Availability just in combination with seasonal qualifier in the IMD Segment. DTM+44:2011:602'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
FTX - C	999 - Free text			
Function :	To provide free form or coded text information.			
Segment number :	15			
Data element group/Data element	EDIFACT	ANW	*	Description
4451 Text subject code qualifier	M an..3	M	*	AAA = Goods description SAF = Safety information REG = Regulatory information
4453 Free text function code	C an..3	D	*	1 = Text for subsequent use
C107 Text reference	C	D		
4441 Free text value code	M an..17	M	*	ARAJA (GS1 Austria Code) ARANEIN (GS1 Austria Code)
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	M	*	294 = GS1 Austria
C108 Text literal	C	D		
4440 Free text value	M an..512	M		
4440 Free text value	C an..512	O		
4440 Free text value	C an..512	N		
4440 Free text value	C an..512	N		
4440 Free text value	C an..512	N		
3453 Language name code	C an..3	O		DE = German EN = English
4447 Free text format code	C an..3	N		
<u>Segment notes:</u>				
- Goods description (material); Optional; A/N 2 X 512 FTX+AAA+1++SPORTS SHIRT, M, COTTON, BIG CUT, LONG ARM, RED BUTTON+EN'				
- Product information / security information; Optional; A/N 256 FTX+SAF+1++SICERHEITSHINWEISE TEXT+EN'				
- ARA Qualifier (Yes/No); (DE4441 = ARAJA od. ARANEIN); Optional; A/N 7 FTX+REG++ARAJA::294'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
SG37 - C	2 - CCI-CAV			
CCI - M	1 - Characteristic/class id			
Function :	To identify and describe a specific characteristic and its relevance for subsequent business processes.			
Segment number :	16			
Data element group/Data element	EDIFACT	ANW	*	Description
7059 Class type code	C an..3	N		
C502 Measurement details	C	N		
6313 Measured attribute code	C an..3			
6321 Measurement significance code	C an..3			
6155 Non-discrete measurement name code	C an..17			
6154 Non-discrete measurement name	C an..70			
C240 Product characteristic	C	M		
7037 Characteristic description code	M an..17	M	*	SUPPLIERSIZE FEDASSIZE
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
7036 Characteristic description	C an..35	N		
7036 Characteristic description	C an..35	N		
4051 Characteristic relevance code	C an..3	N		
<u>Segment notes:</u>				
Additionally the following CAV-Segments have to be transmitted.				
- Supplier size, Attribute (FEDAS); Mandatory; A/N 17 CCI+++FEDASSIZE' CCI+++SUPPLIERSIZE'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
SG37 - C	2 - CCI-CAV			
CAV - M	2 - Characteristic value			
Function :	To provide the value of a characteristic.			
Segment number :	17			
Data element group/Data element	EDIFACT	ANW	*	Description
C889 Characteristic value	M	M		
7111 Characteristic value description code	C an..3	M	*	SZT = Size characteristic SZ = Size
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
7110 Characteristic value description	C an..35	M		Size characteristic
7110 Characteristic value description	C an..35	N		
<u>Segment notes:</u>				
- Size, Characteristic; Mandatory; A/N 35 CAV+SZT:::UK'				
- Size, Characteristic; Mandatory; A/N 35 CAV+SZ:::38'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
SG38 - C	1 - TAX			
TAX - M	1 - Duty/tax/fee details			
Function	: To specify relevant duty/tax/fee information.			
Segment number	: 18			
Data element group/Data element	EDIFACT	ANW	*	Description
5283 Duty or tax or fee function code qualifier	M an..3	M	*	7 = Tax
C241 Duty/tax/fee type	C	N		
5153 Duty or tax or fee type name code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
5152 Duty or tax or fee type name	C an..35			
C533 Duty/tax/fee account detail	C	N		
5289 Duty or tax or fee account code	M an..6	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5286 Duty or tax or fee assessment basis value	C an..15	N		
C243 Duty/tax/fee detail	C	M		
5279 Duty or tax or fee rate code	C an..7	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5278 Duty or tax or fee rate	C an..17	R		actual tax rate
5273 Duty or tax or fee rate basis code	C an..12	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5305 Duty or tax or fee category code	C an..3	O		E = Exempt from tax S = Standard rate
3446 Party tax identifier	C an..20	N		
1227 Calculation sequence code	C an..3	N		

Segment notes:

- VAT - tax rate for the current position; Optional; N 2+2

TAX+7+VAT+++:::20+S'

Remark to DE 5278 and DE 5305:

By exempt from tax amounts or tax free amounts DE 5278 must always be filled with value 0 (Zero).

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
SG40 - M	20 - PRI-CUX-APR			
PRI - M	1 - Price details			
Function	: To specify price information.			
Segment number	: 19			
Data element group/Data element	EDIFACT	ANW	*	Description
C509 Price information	C	R		
5125 Price code qualifier	M an..3	M	*	AAA = Calculation net AAE = Information price, excluding allowances or charges, including taxes
5118 Price amount	C n..15	M		
5375 Price type code	C an..3	N		
5387 Price specification code	C an..3	O	*	LIU = List price (EAN Code) SRP = Suggested retail price
5284 Unit price basis value	C n..9	O		
6411 Measurement unit code	C an..3	O		
5213 Sub-line item price change operation code	C an..3	N		
<u>Segment notes:</u>				
- Net price, as list or promotional price (DE5125 = AAA; DE5387 = LIU or PRP); Mandatory; N 7+3 PRI+AAA:2::LIU'				
- Suggested retail price incl. VAT, excl. Allowance/Charge; Mandatory; N 7+3 PRI+AAE:19.98::SRP'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
SG40 - M	20 - PRI-CUX-APR			
CUX - C	1 - Currencies			
Function :	To specify currencies used in the transaction and relevant details for the rate of exchange.			
Segment number :	20			
Data element group/Data element	EDIFACT	ANW	*	Description
C504 Currency details	C	R		
6347 Currency usage code qualifier	M an..3	M	*	2 = Reference currency
6345 Currency identification code	C an..3	R		EUR = Euro (EAN-Code)
6343 Currency type code qualifier	C an..3	R	*	4 = Invoicing currency
6348 Currency rate value	C n..4	N		
C504 Currency details	C	N		
6347 Currency usage code qualifier	M an..3			
6345 Currency identification code	C an..3			
6343 Currency type code qualifier	C an..3			
6348 Currency rate value	C n..4			
5402 Currency exchange rate	C n..12	N		
6341 Exchange rate currency market identifier	C an..3	N		
<u>Segment notes:</u>				
-Currency for the before indicated price; Optional ; A/N 3 CUX+2:EUR:4'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
SG40 - M	20 - PRI-CUX-APR			
APR - C	1 - Additional price information			
Function :	To provide information concerning pricing related to class of trade, price multiplier, and reason for change.			
Segment number :	21			
Data element group/Data element	EDIFACT	ANW	*	Description
4043 Trade class code	C an..3	N		
C138 Price multiplier information	C	N		
5394 Price multiplier rate	M n..12			
5393 Price multiplier type code qualifier	C an..3			
C960 Reason for change	C	M		
4295 Change reason description code	C an..3	R		Country, coded ISO 3166 2-Alpha Code
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
4294 Change reason description	C an..35	N		
<u>Segment notes:</u>				
- Country for the before indicated price; Optional ; A/N 3 APR+++AT'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
SG47 - C	1 - PAC-MEA			
PAC - M	1 - Package			
Function	: To describe the number and type of packages/physical units.			
Segment number	: 22			
Data element group/Data element	EDIFACT	ANW	*	Description
7224 Package quantity	C n..8	N		
C531 Packaging details	C	N		
7075 Packaging level code	C an..3			
7233 Packaging related description code	C an..3			
7073 Packaging terms and conditions code	C an..3			
C202 Package type	C	M		
7065 Package type description code	C an..17	M		CT = Carton NE = Unpacked or unpackaged For further codes see the code list.
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	D	*	9 = GS1 Code 9 must be provided, when in DE7065 an EAN-Code is used!
7064 Type of packages	C an..35	N		
C402 Package type identification	C	N		
7077 Description format code	M an..3			
7064 Type of packages	M an..35			
7143 Item type identification code	C an..3			
7064 Type of packages	C an..35			
7143 Item type identification code	C an..3			
C532 Returnable package details	C	N		
8395 Returnable package freight payment responsibility code	C an..3			
8393 Returnable package load contents code	C an..3			
<u>Segment notes:</u>				
- Packaging type; Mandatory; A/N 3 Packaging type of the base article/base assortment or package unit. PAC+++CT'				
DE 7065: For further codes see the code list.				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
SG47 - C	1 - PAC-MEA			
MEA - C	4 - Measurements			
Function	: To specify physical measurements, including dimension tolerances, weights and counts.			
Segment number	: 23			
Data element group/Data element	EDIFACT	ANW	*	Description
6311 Measurement purpose code qualifier	M an..3	M	*	AAE = Measurement
C502 Measurement details	C	M		
6313 Measured attribute code	C an..3	M	*	HT = Height dimension DP = Depth WD = Width dimension AAB = Unit gross weight
6321 Measurement significance code	C an..3	N		
6155 Non-discrete measurement name code	C an..17	N		
6154 Non-discrete measurement name	C an..70	N		
C174 Value/range	C	M		
6411 Measurement unit code	M an..3	M	*	MMT = Millimetre GRM = Gram
6314 Measurement value	C an..18	M		
6162 Range minimum value	C n..18	N		
6152 Range maximum value	C n..18	N		
6432 Significant digits quantity	C n..2	N		
7383 Surface or layer code	C an..3	N		
<u>Segment notes:</u>				
- Height of the article, with or without (Qualifier NE in PAC) package; Optional; N 7 MEA+AAE+HT+MMT:200'				
- Width of the article, with or without (Qualifier NE in PAC) package; Optional; N 7 MEA+AAE+WD+MMT:140'				
- Depth of the article, with or without (Qualifier NE in PAC) package; Optional; N 7 MEA+AAE+DP+MMT:310'				
- Weight of the article, with or without (Qualifier NE in PAC) package; Optional; N 7 MEA+AAE+AAB+GRM:480'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
SG51 - C	99 - EFI-CED			
EFI - M	1 - External file link identification			
Function	: To specify the link of one non-EDIFACT external file to an EDIFACT message.			
Segment number	: 24			
Data element group/Data element	EDIFACT	ANW	*	Description
C077 File identification	M	M		
1508 File name	C an..35	M		File name
7008 Item description	C an..256	M		Link to an external file
C099 File details	C	R		
1516 File format name	M an..17	M		File format
1056 Version identifier	C an..9	N		
1503 Data format description code	C an..3	R		3 = Binary
1502 Data format description	C an..35	N		
1050 Sequence position identifier	C an..10	N		
9450 File compression technique name	C an..35	N		
<u>Segment notes:</u>				
- Link to external file - PHOTO; Optional EFI+MODEL I:www.musterseite.com+BMP::3'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
SG51 - C	99 - EFI-CED			
CED - C	1 - Computer environment details			
Function :	To give a precise definition of all necessary elements belonging to the configuration of a computer system like hardware, firmware, operating system, communication (VANS, network type, protocol, format) and application software.			
Segment number :	25			
Data element group/Data element	EDIFACT	ANW	*	Description
1501 Computer environment details code qualifier	M an..3	M	*	ZZ1 = Resolution
C079 Computer environment identification	M	M		
1511 Computer environment name code	C an..3	R	*	ZZ1 = Resolution
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
1510 Computer environment name	C an..35	M		Resolution of the file - Value
1056 Version identifier	C an..9	N		
1058 Release identifier	C an..9	N		
7402 Object identifier	C an..35	N		
9448 File generation command name	C an..35	N		
<u>Segment notes:</u>				
- External file (PHOTO) - resolution, Optional; A/N 35 CED+ZZ1+ZZ1:::400 x 600'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
SG52 - C	1 - NAD			
NAD - M	1 - Name and address			
Function :	To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.			
Segment number :	26			
Data element group/Data element	EDIFACT	ANW	*	Description
3035 Party function code qualifier	M an..3	M	*	MF = Manufacturer of goods
C082 Party identification details	M	M		
3039 Party identifier	M an..35	M	*	GLN - Format n13
1131 Code list identification code	N an..17	N		
3055 Code list responsible agency code	C an..3	R	*	9 = EAN (International Article Numbering Association)
C058 Name and address	C	N		
3124 Name and address description	M an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
C080 Party name	C	N		
3036 Party name	M an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3045 Party name format code	C an..3			
C059 Street	C	N		
3042 Street and number or post office box identifier	M an..35			
3042 Street and number or post office box identifier	C an..35			
3042 Street and number or post office box identifier	C an..35			

Data element group/Data element	EDIFACT	ANW	*	Description
3042 Street and number or post office box identifier	C an..35			
3164 City name	C an..35	N		
C819 Country sub-entity details	C	N		
3229 Country sub-entity name code	C an..9			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
3228 Country sub-entity name	C an..70			
3251 Postal identification code	C an..17	N		
3207 Country name code	C an..3	N		
<u>Segment notes:</u>				
This segment is used to specify names and addresses relevant to the current product.				
-Manufacturer GLN (DE3035 =MF); Optional, N 13 NAD+MF+9012345000004::9'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
SG56 - C	999 - HYN-QTY			
HYN - M	1 - Hierarchy information			
Function :	A segment to identify hierarchical connections from a given item to a higher or lower levelled item or to identify dependencies among the content of hierarchically related groups of data.			
Segment number :	27			
Data element group/Data element	EDIFACT	ANW	*	Description
7173 Hierarchy object code qualifier	M an..3	M	*	2 = Product
7171 Hierarchical structure relationship code	C an..3	R	*	2 = Child
1229 Action request/notification description code	C an..3	N		
C212 Item number identification	C	R		
7140 Item identifier	C an..35	R		Product-/Service number
7143 Item type identification code	C an..3	R	*	SRV = EAN.UCC - Global Trade Item number
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
7166 Hierarchical structure parent identifier	C an..35	N		
<u>Segment notes:</u>				
- Article number of the next lower packaging unit; Optional; N 14 HYN+2+2++9099999300476:SRV' (GTIN)				
This information is required only in connection with a base assortment or packaging unit. (Code SG and NS in IMD, DE 7009). Additionally the following QTY-Segment must be transmitted. (See IMD-Segment notes).				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG47-SG51-SG52-SG56			
SG56 - C	999 - HYN-QTY			
QTY - M	1 - Quantity			
Function	: To specify a pertinent quantity.			
Segment number	: 28			
Data element group/Data element	EDIFACT	ANW	*	Description
C186 Quantity details	M	M		
6063 Quantity type code qualifier	M an..3	M	*	45E = Number of units in higher packaging or configuration level (EAN Code)
6060 Quantity	M an..35	M		Quantity
6411 Measurement unit code	C an..3	N		
<u>Segment notes:</u>				
- Number of units in higher packaging or configuration level (EAN Code); Optional, N6 QTY+45E:10'				

UNT - M					1 - Message trailer
Function : To end and check the completeness of a message.					
Segment number : 29					
Data element group/Data element		EDIFACT	ANW	*	Description
0074	Number of segments in the message	M n..6	M		The total number of segments in the message is detailed here.
0062	Message reference number	M an..14	M		The message reference numbered detailed here should equal the one specified in the UNH segment.
<u>Segment notes:</u>					
PRICAT sum part					
This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.					
Example:					
UNT+141+ME000001'					

UNZ - M 1 - Interchange trailer				
Function : To end and check the completeness of an interchange.				
Segment number : 30				
Data element group/Data element	EDIFACT	ANW	*	Description
0036 Interchange control count	M n..6	M		Number of messages or functional groups within an interchange.
0020 Interchange control reference	M an..14	M		Identical to DE 0020 in UNB segment.
<u>Segment notes:</u>				
This segment is used to provide the trailer of an interchange.				
DE 0036: If functional groups are used, this is the number of functional groups within the interchange. If functional groups are not used, this is the number of messages within the interchange.				
Example: UNZ+5+12345555'				

Example:

EANCOM	Description
UNA:+.?'	
UNB+UNOC:3+5412345678908:14+8798765432106:14+020102:1000+12345555+++++EANCOMREF52'	Interchange Header
UNH+ME000001+PRICAT:D:01B:UN:EAN008'	Message Header
BGM+9+3574+9'	Message type
DTM+137:20070301:102'	Message date
NAD+BY+9012345000004::9'	Buyer GLN
NAD+SU+9012345000011::9'	Supplier GLN
PGI+2'	Beginning of the detail section
CUX+2:EUR:8'	Currency
LIN+1+1+9054321444441:SRV'	1. Article, Added
PIA+1+COD:GU'	Supplier's internal article group number/product classification
PIA+1+909999:SA'	Internal number of supplier
PIA+1+100982:GD:FEDAS:246'	Article product group FEDAS

IMD+A++:::SPORTHOSE I BLAU FASHION-AUSTRIA'	Article description long
IMD+E++:::SPORT H. F.'	Article description short
IMD+C++DU::9'	Despatch unit
IMD+C++IN::9'	Invoicing unit
IMD+C++ORU::9'	Pre -ordering unit
IMD+C++SU::9'	Base article
IMD+F+BRN::9+:::XXX'	Brand name
IMD+C++FS::9'	Available in spring-summer
IMD+B+35+MABLUE::91:MARINE BLUE'	Colour
IMD+B+78+05-2004::91:BEAUTIFUL SUMMER::EN'	Catalogue
IMD+B+TPE::9+0815::91:GREENPOPS::EN'	Theme
IMD+C++NOS::246'	NOS article
QTY+164:3:PCE'	Batch size
ALI+AT'	Country of origin
DTM+7:20070420:102'	This article is valid from 20.04.2007
DTM+4:2007042020070620:718'	Orderable from - until
DTM+76:2007042020070620:718'	available from - until
DTM+44:2011:602'	Available in the year 2011
FTX+AAA+1++SPORTS SHIRT, M, COTTON, BIG CUT, LONG ARM, RED BUTTON+EN'	Free text
FTX+SAF+1++SICHERHEITSHINWEISE TEXT+EN'	Safety instructions
FTX+REG++ARAJA::294'	ARA qualifier
CCI+++SUPPLIERSIZE'	Size – assigned by the supplier
CAV+SZT:::UK'	Size

CAV+SZ:::38'	Size
TAX+7+VAT++++:::20+S'	VAT 20 %
PRI+AAA:2::LIU'	Net price
CUX+2:EUR:4'	Currency for the article
APR+++AT'	Country for the price
PRI+AAE:19.98::SRP'	Sales price
CUX+2:EUR:4'	Currency for the price
APR+++AT'	Country for the price
EFI+MODEL I:www.musterseite.com+BMP:::3'	External File (PHOTO) –Name; Link and Format
CED+ZZ1+ZZ1:::400 x 600'	Resolution of the file
NAD+MF+9012345000004:::9'	Manufacturer
LIN+2+1+9054321444443:SRV'	2. Article, Added
PIA+1+100982:GD:FEDAS:246'	Product group FEDAS
PIA+1+145832568:HS'	Customs number
IMD+E+:::PULLOVER 0815 GRAU '	Article description short
IMD+C++NOS:::246'	NOS article
IMD+C++NS:::9'	Packaging unit
IMD+C++DU:::9'	Despatch unit
IMD+F+BRN:::9+:::XXX'	Brand name
IMD+C++D:::9'	Available through the whole year
IMD+B+35+GREY:::91:GREY'	Colour
ALI+AT'	Country of origin
DTM+7:20111031:102'	Available “from”
FTX+REG++ARANEIN:::294'	ARA – Qualifier
CCI+++SUPPLIERSIZE'	Size – assigned by the supplier
CAV+SZT:::UK'	Size
CAV+SZ:::43'	Size

TAX+7+VAT++++:::20+S'	VAT 20%
PRI+AAA:2::LIU'	Net price
CUX+2:EUR:4'	Currency of the price
APR+++AT'	Country for the price
PRI+AAE:19.98::SRP'	Sales price
CUX+2:EUR:4'	Currency of the price
APR+++AT'	Country for the price
MEA+AAE+AAB+GRM:480'	Weight
HYN+2+2++9099999300476:SRV'	GTIN 9099999300476 is a part of this display
QTY+45E:24'	GTIN 9099999300476 is included 24 times
UNT+46+ME000001'	Message Trailer
UNZ+1+12345555'	Interchange Trailer