

### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification	
Changed selection and price list			<p>The business document is used for updating the product range - and the price of the products contained in a framework agreement.</p> <p>New trade items or replacement trade items, and price corrections may be specified if it is allowed in the framework agreement.</p> <p>Please note that the trade items that go beyond the contract falls under the “direct procurement rules”, and that the conditions for price change of trade items within each outside the framework agreement may differ. Each party shall agree on how the commercial message should be applied in these parts. A dispatched trade item in addition to general agreement is identified with T0182 Reduced list price or T0238 Current price, discounted.</p> <p>Some information in this price list will be used for invoice matching. Some details of trade item used to supplement the invoiced item to a received invoice.</p>	
T0001	PRICE LIST HEADER	1..1	Comment: The following attributes occur once per price list.	
	Price list number	1..1	Definition: A unique number for identification of the price list. Comment: Each new price list must have a unique identity. In order to guarantee a globally unique identity, a GDTI may be used. A GDTI (Global Document Type Identifier) is an alphanumeric string including from 14 up to 30 digits. Comment: SFTI recommends that the document is identified with maximum 17 characters in SFTI implementations. The parties must agree upon if more than 17 characters may be used. Format: An alphanumeric string including up to 30 characters. Length: 1 .. 30	
	Price list status	1..1	Definition: Code giving status of this entire price list. Comment: Code indicating change of pricelist. Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3	
			<table><tr><th>Code/Description</th></tr><tr><td>4 Change Message containing items to be changed.</td></tr></table>	Code/Description
Code/Description				
4 Change Message containing items to be changed.				
T0003	Price list date	1..1	Definition: Date on which this price list was issued and sent. Comment: Date on which the supplier issued and sent the pricelist. Note that the price list date should not be mistaken for "T0004 Validity start date"). Format: CCYYMMDD Length: 8	
T0204	Currency, code	0..1	Definition: Code indicating the monetary unit used in the business document. Comment: Use currency codes according to the alphabetical values of ISO 4217, see www.gs1.se/codelists for code list T0204 and link to the external ISO code list. Comment: The currency must be specified if the prices are specified in another currency than Swedish crowns, SEK. Format: An alphanumeric string including up to three characters. Length: 1 .. 3	
T0007	Reference to agreement or contract	0..1	Definition: The identity of the commercial agreement or contract that this business document refers to. Comment: Regerence to the agreement that settles the item selection and prices in the price list. The attribute is	

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			used if all of the items in the price list is included in the same agreement. Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35
T0006	Reference to price list	0..1	Definition: <b>The identity of the price list that this business document refers to.</b> Comment: Reference to the previous price list. Format: An alphanumeric string including up to 30 characters. Length: 1 .. 30
T0009	Supplier identification, GLN	1..1	Definition: <b>Identity, according to GS1's identification system, of a party formally defined as the seller in a commercial agreement.</b> Comment: The identity is a globally unique and unambiguous number. It must be possible to find the corresponding name, address etc. from the identity throughout the entire archive period. Format: GLN (Global Location Number). An alphanumeric string including exactly 13 digits. Length: 13
T0008	Buyer identification, GLN	1..1	Definition: <b>Identity, according to GS1's identification system, of a party formally defined as the buyer in a commercial agreement.</b> Comment: The identity is a globally unique and unambiguous number. It must be possible to find the corresponding name, address etc. from the identity throughout the entire archive period. Format: GLN (Global Location Number). An alphanumeric string including exactly 13 digits. Length: 13
	VALIDITY	1..1	Comment: The class is used to specify the date from which the information in the price list is valid according to agreement. The information can be valid until further notice if no validity end date is specified.
T0004	Effective date	1..1	Definition: <b>Date from which the information in this business document is effective.</b> Format: CCYYMMDD Length: 8
T0005	End effective date	0..1	Definition: <b>Date until the information in this business document is effective.</b> Comment: The attribute is only used if there is an end date for when the information in the price list is valid. The attribute is not used if the information in the price list is valid until further notice. Format: CCYYMMDD Length: 8
	PRODUCT GROUP NAME	1..unbounded	Comment: The class is used for specifying how items in the price list are grouped together. The class can be used independently of if product classification is used per item (see "T1106 Product classification code" on the item line). If the items should not be grouped together, then code value '2' (no grouping) should be specified for "T0010 Product group type".
T0010	Product group type	1..1	Definition: <b>Code indicating how items are grouped.</b> Comment: Use the class "Product classification" for classifying the item/product. Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3

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T0011	Product group code	0..1	Code/Description
			2 no grouping
			3 grouped according to supplier's catalogue
			11 product group
T0011	Product group code	0..1	<b>Definition:</b> Supplier's catalogue or product group code. <b>Comment:</b> The attribute must be used if the items should be grouped according to "T0010 Product group type". <b>Format:</b> An alphanumeric string including up to 3 characters. <b>Length:</b> 1 .. 3
T0012	Product group name	0..1	<b>Definition:</b> Supplier's catalog or product group name. <b>Comment:</b> The attribute is only used if product group names are used. <b>Format:</b> An alphanumeric string including up to 35 characters. <b>Length:</b> 1 .. 35
	PRICE LIST LINE	1..unbounded	<b>Comment:</b> The class is used for specifying changes of previous transferred information about selection and prices. A change can be adding, deleting or changing an item. Weight, length and volume is exchanged as gram, millimetre and millilitres to avoid handling of decimal characters. It might be appropriate to translate the exchanged unit of measurement in the receiving system to the most frequently used unit of measurement, e.g. kilogram for weight and metre for length.
T0051	Line number	1..1	<b>Definition:</b> A sequence number within the business document. <b>Comment:</b> Line numbers will be a number in ascending order. E.g 1, 2, 3, 4 and so on Alt 10, 20, 30, ... <b>Format:</b> An integer including up to six digits. <b>Maximum Total Digits:</b> 6 <b>Maximum Decimal Digits:</b> 0
* T0056	Price list line action code	1..1	<b>Definition:</b> Code indicating if this trade item is added, deleted or changed <b>Comment:</b> 1 = Addition. The item has been added to the price list. All information about the item should be forwarded. 2 = Removal. The item is deleted from the price list. When removing an item, the attributes "T0051 Line number", "T0056 Price list line action code" and one of the attributes in the class "Item identification" is used for specifying an identity for the item that should be deleted. The identity for the replacement item can be specified with one of the attributes in the class "Replacement item identity". 3 = Change. Information about the item has been changed. A change can for example be a price adjustment. The identity for the item that is changed is specified together with the attributes that contain the changed information. <b>Format:</b> An alphanumeric string including up to 3 characters. <b>Length:</b> 1 .. 3
			Code/Description
			1 Added The information is to be or has been added.
			2 Deleted The information is to be or has been deleted.
			3 Changed The information is to be or has been changed.

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T0205	Price change reason code	0..1	<p><b>Definition:</b> Code indicating the reason to why the price has been changed.</p> <p><b>Comment:</b> The attribute is used according to an agreement, for price adjustments that have been transferred with a changed price list. A code list of possible reasons for price adjustments must earlier have been provided by the supplier.</p> <p><b>Format:</b> An alphanumeric string including up to 3 characters. Length: 1 .. 3</p>
T0007	Reference to agreement or contract	0..1	<p><b>Definition:</b> The identity of the commercial agreement or contract that this business document refers to.</p> <p><b>Comment:</b> NOTE that it is strongly advised not to use this term since a majority of the buyer systems cannot handle reference to agreement at line level. The attribute can be used to specify a reference to the agreement which regulates the item of this price list line. An item must not occur in more than one agreement. The trading partners must have agreed on the procedure in beforehand. Note that a call-off may include items from one and the same agreement only, and that a reference to the specific agreement must be given in the call-off. If the buyer has several agreements with the supplier and wishes to order from all agreements in one call-off, the buyer and supplier must agree on a reference which ties together all the agreements. The price list will then refer to this 'main agreement'.</p> <p><b>Format:</b> An alphanumeric string including up to 35 characters. Length: 1 .. 35</p>
	ITEM	1..1	
	ITEM IDENTIFICATION	1..1	<p><b>Comment:</b> Every item must be identified with a unique item number, that is, two items may not be identified with the same item number. Only one of the following attributes may be used.</p>
* T0154	Trade item, GTIN	0..1	<p><b>Definition:</b> Identity of the trade item according to GS1's identification system.</p> <p><b>Comment:</b> GTIN is a globally unique and unambiguous number. Every trade item must have a unique GTIN for ordering and statistical purposes. GS1 has a set of rules governing which changes on a trade item that require a new GTIN and which are permitted without the GTIN being changed. Read more about GS1's GTIN rules on <a href="http://www.gs1.org/gtinrules">www.gs1.org/gtinrules</a>.</p> <p><b>Format:</b> GTIN (Global Trade Item Number). An alphanumeric string including exactly 14 digits. Length: 14</p>
T0172	Supplier's article number	0..1	<p><b>Definition:</b> The trade item number according to the supplier's own numbering system.</p> <p><b>Comment:</b> The number is not a GTIN (Global Trade Item Number). The attribute may only be used if the item is not identified with GTIN. This trade item number must be unique, that is, it may not be used to identify any other trade item, trade item level or package of a product, from the same supplier.</p> <p><b>Format:</b> An alphanumeric string including up to 35 characters. Length: 1 .. 35</p>
T1120	Manufacturer's article number	0..1	<p><b>Definition:</b> The trade item number according to the manufacturer's own numbering system.</p> <p><b>Comment:</b> The number is not a GTIN (Global Trade Item Number).</p> <p><b>Format:</b> An alphanumeric string including up to 35 characters.</p>

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			Length: 1 .. 35							
	ITEM DESCRIPTION	1..1	Comment: The class is used for describing the trade item. Part of the trade item description is also used to supplement information for a billed trade item to a received invoice.							
T0016	Packaging level	0..1	Definition: Code indicating which packaging level this line relates to. Comment: The attribute is used if required. An trade item that contains two or more different numbered trade items are either case or pallet level. <table><tr><th>Code/Description</th></tr><tr><td>CU</td><td>Base Unit level Base unit level is the lowest level of a trade item hierarchy. A trade item at base unit level contains no items identified.</td></tr><tr><td>DU</td><td>Pallet level Pallet level is at the highest level of a trade item hierarchy. A trade item at pallet level contains other items (children) but is not itself contained in another trade item.</td></tr><tr><td>TU</td><td>Case level Case level is the middle level of a trade item hierarchy. A trade item at case level contains other trade items (children) and is also itself contained in a trade item (parent).</td></tr></table>	Code/Description	CU	Base Unit level Base unit level is the lowest level of a trade item hierarchy. A trade item at base unit level contains no items identified.	DU	Pallet level Pallet level is at the highest level of a trade item hierarchy. A trade item at pallet level contains other items (children) but is not itself contained in another trade item.	TU	Case level Case level is the middle level of a trade item hierarchy. A trade item at case level contains other trade items (children) and is also itself contained in a trade item (parent).
Code/Description										
CU	Base Unit level Base unit level is the lowest level of a trade item hierarchy. A trade item at base unit level contains no items identified.									
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TU	Case level Case level is the middle level of a trade item hierarchy. A trade item at case level contains other trade items (children) and is also itself contained in a trade item (parent).									
* T0186	Is trade item a variable unit	0..1	Definition: Code indicating that this is a variable measure item, i.e. the quantity in the package is not fixed, and the price for the item varies with the quantity. Comment: Used trade items that are ordered in pieces or kg (or liters) but invoiced per delivered weight (or volume). The attribute may also be used for services ordered by one piece of service but invoiced per hour. Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3 <table><tr><th>Code/Description</th></tr><tr><td>VQ</td><td>Variable quantity product (GS1 Code) Product is used or traded in continuous rather than discrete quantities.</td></tr></table>	Code/Description	VQ	Variable quantity product (GS1 Code) Product is used or traded in continuous rather than discrete quantities.				
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VQ	Variable quantity product (GS1 Code) Product is used or traded in continuous rather than discrete quantities.									
* T0298	Is trade item a returnable unit	0..1	Definition: Code which indicates that this trade item is a package or loading unit that can be returned. Comment: Used to indicate that the trade item information relating to any kind of load carriers or packaging can be returned under the agreement. Examples of reusable packaging: bottles for drinks, pack to drink bottles. Examples of load carriers: trolley, pallet. According to an agreement charge or mortgage amount can be charged for the use of packaging and transport units. Use of the attribute makes it possible to check the invoice for a delivery in the event a fee invoiced for packaging or transport unit used in the transportation of goods. At goods receipt and simultaneous use of delivery notification (see ADS 6.3.2), the use of trade item information for packaging and transport units capable of effective management of packaging / transport units. If a return cargo carrier is identified as a separate article should pack level for the return carrier always be the base level. Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3							

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* T4119	Is trade item a service	0..1	<div>Code/Description</div> <div><b>RC</b> Returnable container (EAN Code)</div> <div>Definition: <b>Code indicating whether or not the trade item is a service and not a physical item.</b></div> <div>Comment: The attribute is only used if the trade item is a service</div> <div>Comment: Used to indicate that the trade item is a service. Under certain agreements, the service can be added to install a ordered trade item. The addition of services can for instance be if trade items requires especially rapid handling of individual call-off opportunity. For the billing of such services no reference to call-off line in the invoice is needed.</div> <div>Format: An alphanumeric string including up to 3 characters.</div> <div>Length: 1 .. 3</div>
			<div>Code/Description</div> <div><b>SER</b> Service (EAN Code)</div> <div>A code identifying the current item as a service (i.e. not a physical product).</div>
* T1351	Is manufacturing of trade item customer order driven	0..1	<div>Definition: <b>Code indicating that the trade item is manufactured after the order from the customer is received.</b></div> <div>Comment: The attribute is used for specifying that the production of the item is not started until the supplier has received an order/call-off from the customer. Customer order driven manufacturing is used for ordering extempore (specially made pharmaceuticals for individualized treatment) or custom made office furniture.</div> <div>Format: An alphanumeric string including up to 3 characters.</div> <div>Length: 1 .. 3</div>
T0143	Brand name	0..1	<div>Code/Description</div> <div><b>MTO</b> Make to Order (GS1 Code)</div> <div>Definition: <b>Supplier's brand name for this item.</b></div> <div>Comment: A brand is a name, symbol or character, which is used to identify products or services. he brand name should be able to be used as a search criterion. The brand is also used as supplement information for a invoiced trade item in the received invoice.</div> <div>Write Rule: Comma (,), period (.) or semicolon (;) should never be used to complete words for abbreviations of the brand name.</div> <div>Format: An alphanumeric string including up to 35 characters.</div> <div>Length: 1 .. 35</div>
			<div>Definition: <b>The name of this trade item.</b></div> <div>Comment: The item name of the trade item may not contain data about e.g. brand, size or weight. The name should be used as a search term.</div> <div>Examples of approved item name: Breakfast cereals.</div> <div>Examples of non-approved item name: Breakfast cereals 500g</div> <div>Comment: The item name is also used as supplement information to an invoiced item in a received invoice.</div> <div>Format: An alphanumeric string including up to 70 characters.</div> <div>Length: 1 .. 70</div>
* T0018	Functional name	0..1	
* T3338	Descriptive size	0..1	<div>Definition: <b>Text indicating article size.</b></div> <div>Comment: The attribute is used for describing the size of the package, for example 500 g, 1200 W, 1.5 l. The article size can be used on shelf edge labels in the store to simplify the collecting of goods. The article size is also used as supplement information to an invoiced item in a received invoice.</div>

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			<p>Note that, T0082 Package contents must also be used, even though the article size is specified in this attribute.</p> <p>Writing rules:</p> <ul style="list-style-type: none"> <li>- Period (.) shall be used as a separator in numeric expressions, e.g. 2.8%</li> <li>- For multipacks, the number in the pack should be followed by the letter p, e.g. 4p</li> <li>- The number of servings provided by a product should be shown followed by PORT, e.g. 12 PORT</li> </ul> <p>Format: An alphanumeric string including up to 70 characters. Length: 1 .. 70</p>
	<b>COMPLEMENTARY ITEM IDENTITY</b>	0..1	<p>Comment: The class is used for specifying a complementary article number, if needed. If an item is identified with the GTIN, then the Supplier's article number or the Manufacturer's article number can be used as a complementary article number. If an item is identified with the Supplier's article number, then the Manufacturer's article number can be used as a complementary article number. If an item is identified with the Manufacturer's article number, then the Supplier's article number can be used as a complementary article number.</p>
T1331	Complementary product identity for supplier	0..1	<p>Definition: <b>Supplier's other identity for a product, package or service</b></p> <p>Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35</p>
T1330	Complementary product identity for manufacturer	0..1	<p>Definition: <b>Manufacturers other identity for a product, package or service</b></p> <p>Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35</p>
	<b>REPLACEMENT ITEM IDENTITY</b>	0..1	<p>Comment: The class is used for specifying the identity of the item that replaces an item that has been cancelled or is no longer included in the assortment. The class is only used in a price list line that concerns the removal of an item (code value for "T0056 Price list line action code" is '2'). Only one of the following attributes may be used.</p>
T1319	Replacement trade item identification, GTIN	0..1	<p>Definition: <b>Identity, according to the GS1 identification system, of the trade item replacing another item.</b></p> <p>Comment: The identity is a globally unique and unambiguous number.</p> <p>Format: GTIN (Global Trade Item Number). An alphanumeric string including exactly 14 digits. Length: 14</p>
T0050	Replacement supplier item number	0..1	<p>Definition: <b>Supplier's item number which is replacing another supplier item number.</b></p> <p>Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35</p>
T1320	Replacement manufacturer item number	0..1	<p>Definition: <b>Manufacturer's item number that replaces another item number issued by the same manufacturer.</b></p> <p>Format: An alphanumeric string including up to 35 characters. Length: 1 .. 35</p>
	<b>REPLACED ITEM IDENTITY</b>	0..1	<p>Comment: Only one of the following attributes may be used. The class is used for specifying the identity of the item that has been replaced by the added item. The identity of the added item is specified in the class Item identification. The class is only used in a price list line that concerns the addition of a new item (code value for "T0056 Price list line action code" is '1').</p>

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T0057	Replaced trade item identification, GTIN	0..1	<b>Definition:</b> Identity, according to GS1's identification system, of the trade item being replaced by a new item. <b>Comment:</b> The identity is a globally unique and unambiguous number. <b>Format:</b> GTIN (Global Trade Item Number). An alphanumeric string including exactly 14 digits. Length: 14
T1318	Replaced supplier item number	0..1	<b>Definition:</b> Supplier's item number for the item that has been replaced by another item. <b>Comment:</b> The number is not a GTIN (Global Trade Item Number). <b>Format:</b> An alphanumeric string including up to 35 characters. Length: 1 .. 35
T1321	Replaced manufacturer item number	0..1	<b>Definition:</b> Manufacturer's item number for the item that has been replaced by another item. <b>Comment:</b> The number is not a GTIN (Global Trade Item Number). <b>Format:</b> An alphanumeric string including up to 35 characters. Length: 1 .. 35
	PRODUCT CLASSIFICATION	0..unbounded	<b>Comment:</b> The class is used for specifying the item's product classification. An item can be classified in more than one way; that is, more than one code for product classification can be specified. Note that both product classification code and product classification system must be specified.
T1106	Product classification code	1..1	<b>Definition:</b> Product classification according to a product classification system. <b>Comment:</b> The system used for product classification is given in "T1139 Product classification system, code". A list with the code descriptions must be available in the buyer's business system so that the meaning of the codes can be rendered. <b>Format:</b> An alphanumeric string including up to 35 characters. Length: 1 .. 35
T1139	Product classification system, code	1..1	<b>Definition:</b> Code identifying which code system for product classification being used. <b>Comment:</b> Code value is specified according to code list T1139, see www.gs1.se/codellists. <b>Format:</b> An alphanumeric string including up to 3 characters. Length: 1 .. 3
	ITEM CHARACTERISTIC	0..1	<b>Comment:</b> The class is used to specify additional description of the trade item.
T1131	Product description	0..1	<b>Definition:</b> A text describing the item. <b>Comment:</b> The term is used in free text to provide additional relevant description of the article. Social security number or other privacy-sensitive information may not appear in the text. <b>Format:</b> An alphanumeric string including up to 350 characters. Length: 1 .. 350
T1114	Keyword	0..1	<b>Definition:</b> Descriptive word which may be used as a search word for an item. <b>Comment:</b> The attribute can be used to provide additional search words for the trade item in addition to the words given in "T0143 Brand name", "T0018 Item name" and/or "T1131 Product description". The search words can be used to search for items in an electronic product catalogue when ordering. The attribute may not contain brand names for this or other trade items. If more than one search word is specified, the search words must be separated with semi colon. <b>Format:</b> An alphanumeric string including up to 350 characters.

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T1305	Trade item information, website address	0..1	<p>Length: 1 .. 350</p> <p>Definition: <b>Website address of the web page that shows trade item information and pictures.</b></p> <p>Comment: E.g: <a href="http://www.gs1ab.se/product_presentation/subcategory.asp?id=fa1c83e78bdcd31182b200508ba25e47">http://www.gs1ab.se/product_presentation/subcategory.asp?id=fa1c83e78bdcd31182b200508ba25e47</a></p> <p>Format: An alphanumeric string including up to 350 characters.</p> <p>Length: 1 .. 350</p>
T1306	Trade item picture, website address	0..1	<p>Definition: <b>Website address of the web page that shows the picture with the trade item</b></p> <p>Comment: For product pictures recommend's: The picture uses the global trade item number (GTIN) in the link File format: LZW Compressed TIFF or JPEG Resolution: 300 ppi</p> <p>Format: An alphanumeric string including up to 350 characters.</p> <p>Length: 1 .. 350</p>
T0235	Pharmaceutical property, code	0..unbounded	<p>Definition: <b>Code indicating the prescription drug's characteristics.</b></p> <p>Comment: Used to inform that the pharmaceutical contain narcotics or technical alcohol so that ordering unit can fulfill its obligation to establish a health record with a narcotic substance. Note that an electronic order may contain several items classed as narcotics. For extempore and licensed drugs it is recommended that an electronic order contains only one trade item per order. Code list is available at <a href="http://www.gs1.se/codelists">www.gs1.se/codelists</a>, see code list T0235.</p> <p>Note that this attribute will be removed from 6.1.1 and 6.1.2 as of next version of ESAP 6, since ESAP 6 contains business document specifications for pharmaceutical price and article information (6.1.7 and 6.1.8).</p> <p>Format: An alphanumeric string including up to 3 characters.</p> <p>Length: 1 .. 3</p>
* T1338	Content of concerns	0..unbounded	<p>Definition: <b>This item contains specific characteristics or content that the buyer should pay attention to</b></p> <p>Comment: The attribute is used to inform that the trade item ha a special property or contains a special content, such as "high grade clean" or "contains PVC". This information can be used by the orderer to select a specific trade item when ordering. Several characteristics and / or content can be presented for a single trade item. Code list is available at <a href="http://www.gs1.se/codelists">www.gs1.se/codelists</a>, see code list T1338.</p> <p>Format: An alphanumeric string including up to 3 characters.</p> <p>Length: 3 .. 3</p>
	<b>PACKAGING</b>	0..1	<p>Comment: The class is used to give information of the trade item's packaging.</p>
T0026	Number of Items in a traded case unit	0..1	<p>Definition: <b>Number of items in this traded unit</b></p> <p>Comment: The number of trade item numbered packages thatr are inside a traded case unit. This attribute is used as an alternative to state the trade item hierarchy between the different levels of trade items of a product. The class trade item hierarchy is used to describe the hierarchy between the different packaging levels of a product. The term is used only for trade items that contain other trade items, ie. contains another package with another trade item number. This attribute is used to indicate the number of trade items on the immediately underlying level. This attribute is not used if the trade item is relating to the base unit. The content of an</p>

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
			trade item on the base level is specified in T0082.
			If the trade item is on case level (T0016=TU) the number of trade items on closest underlying level is stated here. If the trade item information is on pallet level (T0016=DU) the number of trade items on closest underlying level is stated here, i.e. the number of trade items included on the case level. When Trade item hierarchy is used, T3361 is used instead.
			Intermixing trade items can only be presented in trade item hierarchy. For trade items containing more than one identified trade item, the information about the relation between these can only be presented by using trade item hierarchy.
			Format: An integer including up to five digits. Maximum Total Digits: 5 Maximum Decimal Digits: 0
T0142	Packaging marks	0..9	Definition: <b>Code indicating what is marked on the package</b> Comment: A trade item may be marked with a maximum of nine different selections. In cases where packaging marks for trade item has changed (increased or reduced), transfer all packaging marks that appear on the trade item package. Code list is available at <a href="http://www.gs1.se/codellists">www.gs1.se/codellists</a> , see code list T0142. Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3
	PRODUCT NET CONTENT	0..1	Comment: The class is used to indicate weight or volume of the contents of trade item (the package), or net contents. The class can only be used if trade item line refers to an trade item at the base level, ie there is no other detailed packs just the product itself. Only one of the following attributes may be used.
T0206	Product volume	0..1	Definition: <b>Volume this trade item contains</b> Comment: This attribute is used if there is a need to know the trade items volume when calculating how much of the trade item to be called off. Product volume is specified 'exactly' in milliliters. Receiving side is able to convert to liters. Format: An integer including up to five digits. Maximum Total Digits: 5 Maximum Decimal Digits: 0
T0146	Package net net weight exact	0..1	Definition: <b>Exact net weight of the product in this package without packaging</b> Comment: This attribute is used if there is a need to know the trade items exact net weight in calculating how much of the trade item is going to be called off. Specified in grams. Format: An integer including up to five digits. Maximum Total Digits: 5 Maximum Decimal Digits: 0
T0297	Package net net weight approximately	0..1	Definition: <b>Approximate net weight of the product in this package without packaging</b> Comment: This attribute is used if there is a need to know the trade items approximately net weight in calculating how much of the trade item is going to be called off. This attribute is used if the trade item line refers to a trade item with a variable measure (T0186 = VQ). Specified in grams. Format: An integer including up to five digits.

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification	
* T0082			Maximum Total Digits: 5 Maximum Decimal Digits: 0	
	CONTENT IN PACKAGE	0..unbounded	Comment: The class is used to provide information about the content of a trade item on base level. The class is not mandatory but it is recommended to use the class. The information is used in calculating how much of the trade item that is going to be called-off. For the same trade item, different information about the content, weight, volume and / or length, of the package can be given. E.g. for a package of meatballs: 800 g, 75 pieces can be given.	
	Net content	1..1	Definition: The amount of the trade item contained in the package. Comment: Specified if the smallest unit is less than the consumer unit. May also be used for variable quantity products when the content of the consumer unit is specified in grams, millilitres or millimetres.	
T0311			For food service products the attribute can be used to simplify menu planning by giving the number of units in the package, e.g. number of pancakes. The unit in "T0311 Unit of measurement for package contents" will then be 'piece'.  Format: A numeric value consisting of up to 15 digits including maximum three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3	
T0311	Unit of measurement for net contents	1..1	Definition: Measurement unit, code	
			Comment: Unit in which the net contents is expressed. Note that pieces (code value PCE) is not default value for this attribute. The reciever may convert to other unit of measurement, e.g. kilogram, litre or metre.	
			Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3	
			Code/Description	
			GRM MLT MMT MTK MTQ PCE	gram millilitre millimetre square metre cubic metre Piece (GS1 Code)
T0137	PACKAGE TYPE INFORMATION	0..1		
	Packaging type code	0..1	Definition: Code indicating the type of package or container in which the goods are packed. Comment: Used when required. Code list is available at www.gs1.se/codelists, see code list T0137.  Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3	
* T0277	Is packaging marked returnable	0..1	Definition: Code indicating whether or not the packaging is returnable, that is, whether or not the package may be returned to be refilled. Comment: Used if the package/packing of the article in T0015/T0172 is returnable. Format: An alphanumeric string including up to 3 characters.	

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
			Length: 1 .. 3
			Code/Description
			<b>Z01</b> Returnable packing/container
* T0148	Returnable package deposit identification	0..1	<p><b>Definition:</b> Code indicating the type of deposit that is charged for the returnable package.</p> <p><b>Comment:</b> The deposit code can be used as an item identity for pallets or packages in despatch advices and invoices.</p> <p>The attribute is only used if a deposit is charged for the trade item and if the code value for "T0277 Is packaging marked returnable" indicates that the package can be returned for reuse.</p> <p>Code value is specified according to code list T0148, see <a href="http://www.gs1.se/codelists">www.gs1.se/codelists</a>.</p> <p><b>Comment:</b> Deposit code specifies the deposit that apply to the trade item. The attribute is used only when the trade item package has a deposit. The attribute may be used only if "T0277, Returnable packaging, indicator" indicates the packaging is returnable.</p> <p>Code list is available at <a href="http://www.gs1.se/codelists">www.gs1.se/codelists</a>, see code list T0148.</p> <p><b>Format:</b> An alphanumeric string including exactly 13 digits.</p> <p>Length: 1 .. 80</p>
	<b>PACKAGE DIMENSION</b>	0..1	<p><b>Comment:</b> Used when required. See "Package Measurement Rules" for the full set of rules for determining trade item measurements.</p> <p>The height is specified in millimetres.</p>
T0207	Package height	0..1	<p><b>Definition:</b> Height of package.</p> <p><b>Format:</b> An integer including up to five digits.</p> <p>Maximum Total Digits: 5</p> <p>Maximum Decimal Digits: 0</p>
T0208	Package width	0..1	<p><b>Definition:</b> Width of the package, side to side</p> <p><b>Format:</b> An integer including up to five digits.</p> <p>Maximum Total Digits: 5</p> <p>Maximum Decimal Digits: 0</p>
T0209	Package depth	0..1	<p><b>Definition:</b> Depth of the package (front to back)</p> <p><b>Format:</b> An integer including up to five digits.</p> <p>Maximum Total Digits: 5</p> <p>Maximum Decimal Digits: 0</p>
	<b>STORAGE AND HANDLING</b>	0..1	
T0162	Maximum storage temperature	0..1	<p><b>Definition:</b> Highest temperature at which this product may be stored.</p> <p><b>Comment:</b> Used for temperature sensitive products.</p> <p>Stated in degree Celsius.</p> <p><b>Format:</b> A numeric value consisting of up to five digits including maximum two decimals.</p> <p>Maximum Total Digits: 5</p> <p>Maximum Decimal Digits: 2</p>
T0164	Minimum storage temperature	0..1	<p><b>Definition:</b> Lowest temperature at which this product may be stored.</p> <p><b>Comment:</b> Used for humidity sensitive products.</p> <p>Stated in percent.</p> <p><b>Format:</b> A numeric value consisting of up to five digits including maximum two decimals.</p>

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
* T4040	Handling instructions code reference	0..1	<p>Maximum Total Digits: 5 Maximum Decimal Digits: 2</p> <p>Definition: <b>Defines the information and processes needed to safely handle the trade item.</b>  Comment: The attribute is only used if the trade item requires an unbroken cold chain.  Comment: The term is intended for pharmaceuticals. An unbroken cold chain means that the item never, not even for a short period of time, may be stored in a temperature outside the given interval. (Code = 1)  Format: An alphanumeric string including up to 5 characters.  Length: 1 .. 5</p> <p>Code/Description  1 Heatsensitive (Only EDIFACT)</p>
* T0166	Maximum humidity percentage	0..1	<p>Definition: <b>Highest relative humidity at which this product may be stored.</b>  Comment: Used for humidity sensitive products.  Stated in percent.  Format: A numeric value consisting of up to five digits including maximum two decimals.  Maximum Total Digits: 5  Maximum Decimal Digits: 2</p>
* T0165	Minimum humidity percentage	0..1	<p>Definition: <b>Lowest relative humidity at which this product may be stored.</b>  Comment: Used for humidity sensitive products.  Stated in percent.  Format: A numeric value consisting of up to five digits including maximum two decimals.  Maximum Total Digits: 5  Maximum Decimal Digits: 2</p>
* T4139	Risk phrase code	0..1	<p>Definition: <b>Code indicating the abbreviation codes for labelling obligations and special risks (health risks of skin, respiratory organs, swallow, eyes, reproduction) for handling of the substance.</b>  Comment: Risk phrase code describes in what way the substance is dangerous. Information about danger symbols and safety phrases can be derived from this attribute.  More information about risk phrases, including code values, is handled by the Swedish Chemicals Agency, <a href="http://www.kemi.se">www.kemi.se</a>.  Format: An alphanumeric string including up to 200 characters.  Length: 1 .. 200</p>
* T4155	Risk phrase code, agency name	0..1	<p>Definition: <b>Code indicating the agency or agencies controlling the code list for the specified risk phrase.</b>  Comment: The attribute may only be used if "T4139 Risk phrase code" is stated, and if so, the attribute is mandatory.  Agencies:  EHCA - European Chemical Agency (for CLP code values)  KEMI - Swedish Chemicals Agency (for KIFS code values)  Format: An alphanumeric string including up to 200 characters.  Length: 1 .. 200</p>
	AVAILABILITY	0..1	
T0014	Availability code	0..1	<p>Definition: <b>Code indicating availability of this item</b>  Format: An alphanumeric string including up to 3 characters.</p>

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
			Length: 1 .. 3
			Code/Description
			84E new, announcement only
			85E new, available
T0076	Availability date	0..1	90E Temporarily out (EAN Code)
			94E Deletion, announcement only
			Definition: <b>Date from when the item is available.</b>
			Comment: For an orderable item the availability date specifies the date from when an item will be available for ordering and deliverance according to the conditions agreed on (for example conditions for accepted delivery time). For a non-orderable units, the availability date specifies the date from when an order will result in a delivery according to the delivery conditions.
T0077	End availability date	0..1	Comment: Used if required for new trade item (i.e. when the code value for "T0056 Price list line action code" är '1')
			Format: CCYYMMDD
			Length: 8
			Definition: <b>The date from which an orderable trade item no longer can be ordered.</b>
* T0017	Is trade item an orderable unit	0..1	Comment: Used if required for change trade item (i.e. when the code value for "T0056 Price list line action code" är '3')
			Format: CCYYMMDD
			Length: 8
			Definition: <b>Code indicating whether or not the trade item is orderable.</b>
			Comment: Code value EDIFACT: NO - not orderable In EDIFACT is the default value "orderable"
			Comment: Only if item new or changed (T0056=1 or T0056=3). This pricelist line is only for information.(The product can only be ordered in another unit, with another article number). When an Trade Item is changed to orderable - use the code ORU.
			NO - Indicates that the unit is not orderable. ORU - Indicates that the unit is not orderable
			Format: An alphanumeric string including up to 3 characters.
* T0078	Lead time	0..1	Length: 1 .. 3
			Code/Description
			NO The trade item is not orderable
			ORU The trade item is orderable
			Definition: <b>Number of days until the trade item is available for delivery.</b>
			Comment: The attribute is only used for non-stock items, i.e. special order items, or for items which must be configured before delivery. Lead time is the time the supplier must take into account in order to have the item delivered to stock. Lead time may be the time the supplier needs to get the item ready for delivery to the buyer. Lead time is specified in days.
			The lead time specified with this attribute is part of the total lead time that the buyer must take into

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification							
* T1342	Additional trade item information, code	0..1	Definition: Comment:  Format:	account in order to know when the item may be delivered to the buyer's stock. When the buyer orders an item which is not in stock the buyer must take into account both the lead time and the normal delivery time from the supplier to the buyer for items on stock in order to get the total time for the buyer to receive the ordered item. Example: For items that the supplier does not keep in stock leadtime is the time required for delivery from the manufacturer to the supplier. Example: For a wheelchair with a specific configuration, leadtime is the time required for assembling the wheelchair.						
				The attribute can be used for new or changed trade items (i.e. when the code value for "T0056 Price list line action code" is '1' or '3').						
				Format: An integer including up to three digits. Maximum Total Digits: 3 Maximum Decimal Digits: 0						
				<b>Code specifying the type of information that can be matched to the selected article</b>						
				Code Z01 upon the use of "T1335 Handling instruction, text" in the call-off, 6.1.3. Code Z02 upon the use of "T1334 Reference to handling instruction" in the call-off 6.1.3.						
				Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3						
				<table><tr><th>Code/Description</th><th></th></tr><tr><td>Z01</td><td>Free text is allowed additions to this trade item at the time of order</td></tr><tr><td>Z02</td><td>Reference to an external information is allowed for this trade item at the time of order.</td></tr></table>	Code/Description		Z01	Free text is allowed additions to this trade item at the time of order	Z02	Reference to an external information is allowed for this trade item at the time of order.
Code/Description										
Z01	Free text is allowed additions to this trade item at the time of order									
Z02	Reference to an external information is allowed for this trade item at the time of order.									
T0025	MINIMUM ORDER QUANTITY	0..1								
	Minimum order quantity, value	1..1	Definition: Comment:	<b>Smallest quantity that may be ordered/called off at one time.</b> The smallest quantity that can be ordered/called off at one time. Used if required for new or changed trade items (T0056=1 or T0056=3). ('1' = default value).						
			Format:	A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3						
T0055	Unit of measurement for quantity	0..1	Definition:  Comment:	<b>Measurement unit, code</b>  <b>Unit of measurement in which the associated quantity is expressed.</b> Used if the unit of measurement for the quantity in T0025 is other than 'piece'.						
			Format:	The reciever may convert to other unit of measurement, e.g. kilogram, litre or metre. An alphanumeric string including up to 3 characters. Length: 1 .. 3						
				<table><tr><th>Code/Description</th><th></th></tr><tr><td>GRM</td><td>gram</td></tr></table>	Code/Description		GRM	gram		
Code/Description										
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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
			Code/Description
			MLT millilitre MMT millimetre
T0024	ORDER BATCH SIZE	0..1	
	Order batch size	1..1	Definition: <b>Quantity in which delivery will be made in exact multiples.</b> Comment: Used when the goods are ordered in one package size, but only is delivered in a larger package containing several units. ('1' = default value and is not to be transferred). Format: A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
T0055	Unit of measurement for quantity	0..1	Definition: <b>Measurement unit, code</b> Comment: <b>Unit of measurement in which the associated quantity is expressed.</b> Used if the unit of measurement in "T0024 Order batch size" is other than 'piece'. The reciever may convert to other unit of measurement, e.g. kilogram, litre or metre. Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3
			Code/Description
			GRM gram MLT millilitre MMT millimetre
T1303	RECOMMENDED ORDER QUANTITY	0..1	
	Recommended order quantity	1..1	Definition: <b>Number of packages in the next higher level of package as the orderer is recommended to order</b> Comment: Used if the orderer is allowed to order the trade item on base level and gets information about the number of units in the traded unit. Recommended order quantity should be an integer when divided with "T0025 Minimum Order Quantity" and "T0024 Order batch size". Format: A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
T0055	Unit of measurement for quantity	0..1	Definition: <b>Measurement unit, code</b> Comment: <b>Unit of measurement in which the associated quantity is expressed.</b> Used if the unit of measurement for the quantity in "T1303 Recommended order quantity" is other than 'piece'. The reciever may convert to other unit of measurement, e.g. kilogram, litre or metre. Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3
			Code/Description
			GRM gram MLT millilitre MMT millimetre

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification															
* T0147	COMPARISON INFORMATION	0..1	Comment:	This class can be used to specify the basis for calculating a comparison price for the item. The information of the class is used together with the price of the item to calculate the comparison price. See also the class COMPARISON PRICE. Example: A package contains 800 gram washing powder, which makes 21 washes. The comparative price is based on the contents expressed as a number of washes (21) allowing this to be presented to the user of this item as price per wash. The following values must then be specified for the attributes of this class: "T0147 Price comparison measurement value": 21 "T0145 Price comparison content type": Z10 (per Load) "T3376 Unit of measurement for comparative quantity": PCE														
	Price comparison measurement	1..1	Definition: Comment:  Format:	<b>The contents of the package when used or, where appropriate, after preparation.</b> The attribute is used for calculating comparative contents or price. To avoid misunderstanding, this element must always be stated, even if it is the same as the package contents.  A numeric value consisting of up to 15 digits including maximum three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3														
	* T0145	Price comparison content type code	1..1	Definition: Comment:  Format:	<b>Code indicating how price comparison measurement can be calculated, or what kind of comparison of amount that can be made, based on the comparison measurement value.</b> The code value is based on the information in "T0147 Comparative equivalent contents". Code list is available at <a href="http://www.gs1.se/codelists">www.gs1.se/codelists</a> , see code list T0145.  An alphanumeric string including up to three characters. Length: 1 .. 3													
T3376	Unit of measurement for comparative quantity	1..1	Definition:   Format:	<b>Measurement unit, code</b>  <b>Unit in which the associated comparative quantity is expressed.</b>  An alphanumeric string including up to 3 characters. Length: 1 .. 3														
			<table><tr><th>Code/Description</th><th></th></tr><tr><td>GRM</td><td>gram</td></tr><tr><td>MLT</td><td>millilitre</td></tr><tr><td>MMT</td><td>millimetre</td></tr><tr><td>MTK</td><td>square metre</td></tr><tr><td>MTQ</td><td>cubic metre</td></tr><tr><td>PCE</td><td>Piece (GS1 Code)</td></tr></table>		Code/Description		GRM	gram	MLT	millilitre	MMT	millimetre	MTK	square metre	MTQ	cubic metre	PCE	Piece (GS1 Code)
Code/Description																		
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MMT	millimetre																	
MTK	square metre																	
MTQ	cubic metre																	
PCE	Piece (GS1 Code)																	
	PRICE	0..1	Comment:	This class is used to specify the price of the trade item. The class must always be used for items that are available for ordering. A price is either according to an agreement or outside of the agreement. This means that only one of the classes "Price according to agreement" and "Price outside of agreement" may be used. An item always has a regular price. In addition, an item may have a temporarily discounted price during a period of time, for example during a campaign period. This means that a price type included in the class "Regular price" always must be specified for the item and that a price type included in the class "Temporarily discounted price" may be specified in addition. This applies for all items except for customer order based items, for which only the class "Customer order based price" must be used. All prices are net prices and are specified exclusive of VAT. Net price means that all potential discounts														

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#### Elements and structure

Entity id	Element name	Cardinality	Element specification																	
			and charges for the item are included in the price, independent of price type.																	
	PRICE ACCORDING TO AGREEMENT	0..1	Comment: This class must be used for items included in the contracted selection. If the class is used the class "Regular price" must always be used. The class "Temporarily discounted price" may be used in addition to the class "Regular price" to specify a temporarily discounted price for the item.																	
	REGULAR PRICE	1..1	Comment: This class is used to specify the regular price of the item.																	
	CONTRACT PRICE	0..unbounded	Comment: This class can be used to specify the price of the trade item. The class must be used when the price type of the trade item is 'Contract price', according to an agreement between the buyer and supplier. The class may be repeated in order to specify comparison price, period of validity and/or quantity steps.																	
T0029	Contract price	1..1	Definition: The price for the trade item (product or service) that the seller/supplier and the buyer have agreed on to be the set price during the contract period. Comment: Synonyms for Contract Price: Contract Price, Listing Price Comment: The price is excluding VAT. Format: A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4																	
T0030	Unit price basis	0..1	Definition: Number of units for which unit price applies if not one (e.g. 100) Comment: The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid for 100 pcs of the item. Unit price basis is assumed to be '1' (by default) when the attribute is not used. Used together with "T0029 Contract price" if pricing is not 'per piece'. Format: A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3																	
T0031	Unit of measurement for price	0..1	Definition: Measurement unit, code  Unit of measurement in which the associated price is expressed. Comment: The unit of measurement is used for items not priced per piece. Comment: Used together with "T0029 Contract price" if pricing is in other measure unit than 'piece'. Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3																	
			<table><tr><th>Code/Description</th></tr><tr><td>GRM</td><td>gram</td></tr><tr><td>HUR</td><td>hour</td></tr><tr><td>KGM</td><td>kilogram</td></tr><tr><td>LTR</td><td>litre</td></tr><tr><td>MGM</td><td>milligram</td></tr><tr><td>MLT</td><td>millilitre</td></tr><tr><td>MMT</td><td>millimetre</td></tr><tr><td>MTR</td><td>metre</td></tr></table>	Code/Description	GRM	gram	HUR	hour	KGM	kilogram	LTR	litre	MGM	milligram	MLT	millilitre	MMT	millimetre	MTR	metre
Code/Description																				
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LTR	litre																			
MGM	milligram																			
MLT	millilitre																			
MMT	millimetre																			
MTR	metre																			
	COMPARISON PRICE	0..1	Comment: This class can be used to specify a comparison price for the item. The comparison price is calculated based on the price of the item and the information in the class COMPARISON INFORMATION. The price																	

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#### Elements and structure

Entity id	Element name	Cardinality	Element specification		
			<p>of the item is the price specified in "T0029 Contract price", "T0203 Current price", "T0181 List price", "T0182 List price, discounted", "T5028 Current list price" or T0238 Current list price, discounted", depending on the price type of the item.</p> <p>Example: According to the example described in the class COMPARISON INFORMATION the following values are specified for the attributes of the class COMPARISON INFORMATION:</p> <p>"T0147 Price comparison measurement value": 21 (number of washes)</p> <p>"T0145 Price comparison content type": Z10 (per Load)</p> <p>"T3376 Unit of measurement for comparative quantity": PCE</p> <p>The price of the package of washing powder is 42 SEK. The following value is therefore specified in T0029, T0203, T0181, T0182, T5028 or T0238 (depending on the price type of the item): 42.</p> <p>Based on the information above the following values must be specified for the attributes in the class COMPARISON PRICE:</p> <p>"T0178 Comparison price" = 2 (42 SEK/21 washes)</p> <p>"T0031 Unit of measurement for price" = PCE</p> <p>See <a href="http://www.gs1.se/faq">www.gs1.se/faq</a>, under Business Processes, for more examples.</p> <p>See also <a href="http://www.konsumentverket.se">www.konsumentverket.se</a> for more information on comparison prices.</p>		
T0178	Comparison price	1..1	<p>Definition: <b>Price which allows comparison of different items taking into account the effective quantity of product in the package</b></p> <p>Comment: Is used when required. The attribute is used together with comparison measurement and specification of how the comparison price is calculated.</p> <p>Format: A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4</p>		
T0030	Unit price basis	0..1	<p>Definition: <b>Number of units for which unit price applies if not one (e.g. 100)</b></p> <p>Comment: The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid for 100 pcs of the item.</p> <p>Unit price basis is assumed to be '1' (by default) when the attribute is not used.</p> <p>Comment: The attribute is used together with "T0178 Comparison price" if the pricing is not 'per piece'.</p> <p>Format: A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3</p>		
T0031	Unit of measurement for price	0..1	<p>Definition: <b>Measurement unit, code</b></p> <p>Comment: <b>Unit of measurement in which the associated price is expressed.</b></p> <p>Comment: The unit of measurement is used for items not priced per piece.</p> <p>Comment: The attribute is used together with "T0178 Comparison price" if the pricing is not 'per piece'. Note that the unit of measurement for price must be the same as for "T3376 Unit of measurement for comparative quantity"</p> <p>Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3</p> <table><tr><th>Code/Description</th></tr><tr><td>GRM gram</td></tr></table>	Code/Description	GRM gram
Code/Description					
GRM gram					

0..1 = no or only one occurrence | 1..1 = occurs exactly once

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Choice = only one of underlying entities/classes occurs

\* Changed attribute, + new attribute. For a detailed change history see separate document.

### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
			<div>Code/Description</div> <div>MLT millilitre</div> <div>MMT millimetre</div> <div>MTK square metre</div> <div>MTQ cubic metre</div> <div>PCE Piece (GS1 Code)</div>
T0004	PERIOD OF VALIDITY FOR PRICE	0..1	Comment: This class can be used to specify a period during which the price is valid. The class must be used if the validity date of the item price differs from the validity date of the pricelist.
	Effective date	1..1	Definition: <b>Date from which the information in this business document is effective.</b> Comment: If not 'immediately'. The date may vary from the corresponding date on the header level. Format: CCYYMMDD Length: 8
T0005	End effective date	0..1	Definition: <b>Date until the information in this business document is effective.</b> Comment: Only if prices are not 'valid until further notice'. The date may vary from the corresponding date on the header level. Format: CCYYMMDD Length: 8
T0079	QUANTITY STEP	0..1	Comment: This class can be used to specify the lowest and possibly the highest order quantity that the price is based on. The class must be used if the price is based on order quantities.
	Quantity threshold	1..1	Definition: <b>The minimum quantity in a quantity interval.</b> Comment: Lowest quantity (volume) for which the price is valid. Quantity steps must be used for step based pricing. Format: A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
T0080	Quantity ceiling	0..1	Definition: <b>The maximum quantity in a quantity interval.</b> Comment: Highest quantity for which this price is valid. Maximum quantity is not required for the last step in a step based pricelist. Format: A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
T0081	Unit of measurement for range	1..1	Definition: <b>Measurement unit, code</b> Unit in which the associated range is expressed. Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3
			<div>Code/Description</div> <div>GRM gram</div> <div>MLT millilitre</div> <div>MMT millimetre</div> <div>PCE Piece (GS1 Code)</div>
	CURRENT PRICE, CONTRACTUAL	0..unbounded	Comment: This class can be used to specify the price of the trade item. The class must be used when the price type

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification	
T0203	Current price	1..1	Definition:	of the trade item is 'Current price', according to an agreement between the buyer and supplier. The class may be repeated in order to specify comparison price, period of validity and/or quantity steps.
			Comment:	<b>The price that varies with supply and demand for the item (product or service) and that the seller/ supplier and the buyer have agreed on to be the set price during the contract period.</b> Synonyms for Current Prices: Daily price, variable price, spot market price, stock price Synonymous with the current price, ie a price that can change from day to day. Any agreement on the frequency of price changes are recommended. The price is excluding VAT. A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4
			Comment:	
			Format:	
T0030	Unit price basis	0..1	Definition:	<b>Number of units for which unit price applies if not one (e.g. 100)</b>
			Comment:	The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid for 100 pcs of the item. Unit price basis is assumed to be '1' (by default) when the attribute is not used.
			Comment:	Used together with "T0203 Current price" if pricing is not 'per piece'.
			Format:	A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3
T0031	Unit of measurement for price	0..1	Definition:	<b>Measurement unit, code</b>
			Comment:	<b>Unit of measurement in which the associated price is expressed.</b>
			Comment:	The unit of measurement is used for items not priced per piece.
			Comment:	Used together with "T0203 Current price" if pricing is in other measure unit than 'piece'.
			Format:	An alphanumeric string including up to 3 characters. Length: 1 .. 3
			Code/Description	
			GRM	gram
			HUR	hour
			KGM	kilogram
			LTR	litre
MGM	milligram			
MLT	millilitre			
MMT	millimetre			
MTR	metre			
	COMPARISON PRICE	0..1	Comment:	This class can be used to specify a comparison price for the item. The comparison price is calculated based on the price of the item and the information in the class COMPARISON INFORMATION. The price of the item is the price specified in "T0029 Contract price", "T0203 Current price", "T0181 List price", "T0182 List price, discounted", "T5028 Current list price" or T0238 Current list price, discounted", depending on the price type of the item. Example: According to the example described in the class COMPARISON INFORMATION the following values are specified for the attributes of the class COMPARISON INFORMATION: "T0147 Price comparison measurement value": 21 (number of washes)

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification														
			"T0145 Price comparison content type": Z10 (per Load) "T3376 Unit of measurement for comparative quantity": PCE The price of the package of washing powder is 42 SEK. The following value is therefore specified in T0029, T0203, T0181, T0182, T5028 or T0238 (depending on the price type of the item): 42. Based on the information above the following values must be specified for the attributes in the class COMPARISON PRICE: "T0178 Comparison price" = 2 (42 SEK/21 washes) "T0031 Unit of measurement for price" = PCE See www.gs1.se/faq, under Business Processes, for more examples. See also www.konsumentverket.se for more information on comparison prices.														
T0178	Comparison price	1..1	Definition: Price which allows comparison of different items taking into account the effective quantity of product in the package Comment: Is used when required. The attribute is used together with comparison measurement and specification of how the comparison price is calculated. Format: A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4														
T0030	Unit price basis	0..1	Definition: Number of units for which unit price applies if not one (e.g. 100) Comment: The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid for 100 pcs of the item. Unit price basis is assumed to be '1' (by default) when the attribute is not used. Comment: The attribute is used together with "T0178 Comparison price" if the pricing is not 'per piece'. Format: A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3														
T0031	Unit of measurement for price	0..1	Definition: Measurement unit, code Comment: Unit of measurement in which the associated price is expressed. Comment: The unit of measurement is used for items not priced per piece. Comment: The attribute is used together with "T0178 Comparison price" if the pricing is not 'per piece'. Note that the unit of measurement for price must be the same as for "T3376 Unit of measurement for comparative quantity" Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3														
			<table><tr><th>Code/Description</th><th></th></tr><tr><td>GRM</td><td>gram</td></tr><tr><td>MLT</td><td>millilitre</td></tr><tr><td>MMT</td><td>millimetre</td></tr><tr><td>MTK</td><td>square metre</td></tr><tr><td>MTQ</td><td>cubic metre</td></tr><tr><td>PCE</td><td>Piece (GS1 Code)</td></tr></table>	Code/Description		GRM	gram	MLT	millilitre	MMT	millimetre	MTK	square metre	MTQ	cubic metre	PCE	Piece (GS1 Code)
Code/Description																	
GRM	gram																
MLT	millilitre																
MMT	millimetre																
MTK	square metre																
MTQ	cubic metre																
PCE	Piece (GS1 Code)																
	PERIOD OF VALIDITY FOR PRICE	0..1	Comment: This class can be used to specify a period during which the price is valid. The class must be used if the														

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
T0004	Effective date	1..1	validity date of the item price differs from the validity date of the pricelist.
			Definition: <b>Date from which the information in this business document is effective.</b>
			Comment: If not 'immediately'. The date may vary from the corresponding date on the header level.
T0005	End effective date	0..1	Format: CCYYMMDD Length: 8
			Definition: <b>Date until the information in this business document is effective.</b>
			Comment: Only if prices are not 'valid until further notice'. The date may vary from the corresponding date on the header level.
T0079	QUANTITY STEP	0..1	Format: CCYYMMDD Length: 8
			Comment: This class can be used to specify the lowest and possibly the highest order quantity that the price is based on. The class must be used if the price is based on order quantities.
			Quantity threshold
T0080	Quantity ceiling	1..1	Definition: <b>The minimum quantity in a quantity interval.</b>
			Comment: Lowest quantity (volume) for which the price is valid. Quantity steps must be used for step based pricing.
			Format: A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
T0081	Unit of measurement for range	0..1	Definition: <b>The maximum quantity in a quantity interval.</b>
			Comment: Highest quantity for which this price is valid. Maximum quantity is not required for the last step in a step based pricelist.
			Format: A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
T0081	Unit of measurement for range	1..1	Definition: <b>Measurement unit, code</b>
			Unit in which the associated range is expressed.
			Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3
			Code/Description
			GRM MLT MMT PCE
T0082	TEMPORARILY DISCOUNTED PRICE	0..1	gram millilitre millimetre Piece (GS1 Code)
			Comment: This class is used to specify a price which is temporarily valid for the item during a period of time, for example during a campaign. If the class is used a price type of the class "Regular price" must also be used.
			CONTRACT PRICE, TEMPORARILY DISCOUNTED
T0083	CONTRACT PRICE, TEMPORARILY DISCOUNTED	1..unbounded	Comment: This class can be used to specify the price of the trade item. The class must be used when the price type of the trade item is 'Contract price, temporarily discounted' according to an agreement between the buyer and supplier. The class may be repeated in order to specify period of validity and/or quantity steps. A comparison price may not be specified for a temporarily discounted price. A comparison price may only be specified for the regular price of the item.

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification																	
T3288	Contract price, temporarily discounted	1..1	<div>Definition: Comment: Format:</div> <div><b>The temporarily discounted contract price for the trade item (product or service) that the seller/ supplier offers during a part of the contract period (the campaign period).</b> Synonyms to Contract price, discount: Promotional Price A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4</div>																	
T0030	Unit price basis	0..1	<div>Definition: Comment: Comment: Format:</div> <div><b>Number of units for which unit price applies if not one (e.g. 100)</b> The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid for 100 pcs of the item. Unit price basis is assumed to be '1' (by default) when the attribute is not used. Used together with "T3288 Contract price, temporarily discounted" if pricing is not 'per piece'. A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3</div>																	
T0031	Unit of measurement for price	0..1	<div>Definition: Comment: Comment: Format:</div> <div><b>Measurement unit, code</b>  <b>Unit of measurement in which the associated price is expressed.</b> The unit of measurement is used for items not priced per piece. Used together with "T0029 Contract price" if pricing is in other measure unit than 'piece'. An alphanumeric string including up to 3 characters. Length: 1 .. 3</div> <table><tr><th>Code/Description</th></tr><tr><td>GRM</td><td>gram</td></tr><tr><td>HUR</td><td>hour</td></tr><tr><td>KGM</td><td>kilogram</td></tr><tr><td>LTR</td><td>litre</td></tr><tr><td>MGM</td><td>milligram</td></tr><tr><td>MLT</td><td>millilitre</td></tr><tr><td>MMT</td><td>millimetre</td></tr><tr><td>MTR</td><td>metre</td></tr></table>	Code/Description	GRM	gram	HUR	hour	KGM	kilogram	LTR	litre	MGM	milligram	MLT	millilitre	MMT	millimetre	MTR	metre
Code/Description																				
GRM	gram																			
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KGM	kilogram																			
LTR	litre																			
MGM	milligram																			
MLT	millilitre																			
MMT	millimetre																			
MTR	metre																			
	PERIOD OF VALIDITY FOR PRICE	0..1	<div>Comment:</div> <div>This class can be used to specify a period during which the price is valid. The class must be used if the validity date of the item price differs from the validity date of the pricelist.</div>																	
T0004	Effective date	1..1	<div>Definition: Comment: Format:</div> <div><b>Date from which the information in this business document is effective.</b> If not 'immediately'. The date may vary from the corresponding date on the header level. CCYYMMDD Length: 8</div>																	
T0005	End effective date	0..1	<div>Definition: Comment:  Format:</div> <div><b>Date until the information in this business document is effective.</b> Only if prices are not 'valid until further notice'. The date may vary from the corresponding date on the header level. CCYYMMDD Length: 8</div>																	

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification									
T0079	QUANTITY STEP	0..1	Comment: This class can be used to specify the lowest and possibly the highest order quantity that the price is based on. The class must be used if the price is based on order quantities.									
	Quantity threshold	1..1	Definition: <b>The minimum quantity in a quantity interval.</b> Comment: Lowest quantity (volume) for which the price is valid. Quantity steps must be used for step based pricing. Format: A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3									
	Quantity ceiling	0..1	Definition: <b>The maximum quantity in a quantity interval.</b> Comment: Highest quantity for which this price is valid. Maximum quantity is not required for the last step in a step based pricelist. Format: A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3									
T0081	Unit of measurement for range	1..1	Definition: <b>Measurement unit, code</b>  <b>Unit in which the associated range is expressed.</b> Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3 <table><tr><th>Code/Description</th></tr><tr><td>GRM</td><td>gram</td></tr><tr><td>MLT</td><td>millilitre</td></tr><tr><td>MMT</td><td>millimetre</td></tr><tr><td>PCE</td><td>Piece (GS1 Code)</td></tr></table>	Code/Description	GRM	gram	MLT	millilitre	MMT	millimetre	PCE	Piece (GS1 Code)
Code/Description												
GRM	gram											
MLT	millilitre											
MMT	millimetre											
PCE	Piece (GS1 Code)											
T0181	PRICE OUTSIDE OF AGREEMENT	0..1	Comment: This class must be used for items not included in the contracted selection. For customer based items only the class "Customer order based price" must be used. For all other items not included in the contracted selection the class "Regular price" must must always be used. The class "Temporarily discounted price" may be used in addition to the class "Regular price" to specify a temporarily discounted price for the item.									
	REGULAR PRICE	0..1	Comment: This class is used to specify the price of an item outside of agreement.									
	LIST PRICE	0..unbounded	Comment: This class can be used to specify the price of the trade item. The class must be used when the price type of the trade item is 'List price', according to an agreement between the buyer and supplier. List price is only used for Pharmaceuticals. The class may be repeated in order to specify comparison price, period of validity and/or quantity steps.									
	List price	1..1	Definition: <b>The base price for the trade item (product or service) that the seller/supplier has set.</b> Comment: Synonyms to List price: Base Price, Catalogue Price, Product Price Comment: The price is excluding VAT. The price type is used to identify trade items which are not included in the frame agreement. Format: A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4									
T0030	Unit price basis	0..1	Definition: <b>Number of units for which unit price applies if not one (e.g. 100)</b> Comment: The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid									

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification															
T0031	Unit of measurement for price	0..1	<div>Comment: for 100 pcs of the item. Unit price basis is assumed to be '1' (by default) when the attribute is not used. Used together with "T0181 List price" if pricing is not 'per piece'.</div> <div>Format: A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3</div>															
			<div>Definition: <b>Measurement unit, code</b></div> <div><b>Unit of measurement in which the associated price is expressed.</b> The unit of measurement is used for items not priced per piece. Comment: Used together with "T0181 List price" if pricing is in other measure unit than 'piece'.</div> <div>Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3</div> <table><thead><tr><th colspan="2">Code/Description</th></tr></thead><tbody><tr><td>GRM</td><td>gram</td></tr><tr><td>HUR</td><td>hour</td></tr><tr><td>KGM</td><td>kilogram</td></tr><tr><td>LTR</td><td>litre</td></tr><tr><td>MGM</td><td>milligram</td></tr><tr><td>MLT</td><td>millilitre</td></tr><tr><td>MMT</td><td>millimetre</td></tr><tr><td>MTR</td><td>metre</td></tr></tbody></table>	Code/Description		GRM	gram	HUR	hour	KGM	kilogram	LTR	litre	MGM	milligram	MLT	millilitre	MMT
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MLT	millilitre																	
MMT	millimetre																	
MTR	metre																	
	COMPARISON PRICE	0..1	<div>Comment: This class can be used to specify a comparison price for the item. The comparison price is calculated based on the price of the item and the information in the class COMPARISON INFORMATION. The price of the item is the price specified in "T0029 Contract price", "T0203 Current price", "T0181 List price", "T0182 List price, discounted", "T5028 Current list price" or T0238 Current list price, discounted", depending on the price type of the item. Example: According to the example described in the class COMPARISON INFORMATION the following values are specified for the attributes of the class COMPARISON INFORMATION: "T0147 Price comparison measurement value": 21 (number of washes) "T0145 Price comparison content type": Z10 (per Load) "T3376 Unit of measurement for comparative quantity": PCE The price of the package of washing powder is 42 SEK. The following value is therefore specified in T0029, T0203, T0181, T0182, T5028 or T0238 (depending on the price type of the item): 42. Based on the information above the following values must be specified for the attributes in the class COMPARISON PRICE: "T0178 Comparison price" = 2 (42 SEK/21 washes) "T0031 Unit of measurement for price" = PCE See <a href="http://www.gs1.se/faq">www.gs1.se/faq</a>, under Business Processes, for more examples. See also <a href="http://www.konsumentverket.se">www.konsumentverket.se</a> for more information on comparison prices.</div>															
T0178	Comparison price	1..1	<div>Definition: <b>Price which allows comparison of different items taking into account the effective quantity of product in the package</b></div>															

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
T0030	Unit price basis	0..1	Comment: Is used when required. The attribute is used together with comparison measurement and specification of how the comparison price is calculated.
			Format: A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4
			Definition: <b>Number of units for which unit price applies if not one (e.g. 100)</b> Comment: The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid for 100 pcs of the item. Unit price basis is assumed to be '1' (by default) when the attribute is not used. Comment: The attribute is used together with "T0178 Comparison price" if the pricing is not 'per piece'. Format: A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3
T0031	Unit of measurement for price	0..1	Definition: <b>Measurement unit, code</b>
			Unit of measurement in which the associated price is expressed. Comment: The unit of measurement is used for items not priced per piece. Comment: The attribute is used together with "T0178 Comparison price" if the pricing is not 'per piece'. Note that the unit of measurement for price must be the same as for "T3376 Unit of measurement for comparative quantity" Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3
			Code/Description GRM gram MLT millilitre MMT millimetre MTK square metre MTQ cubic metre PCE Piece (GS1 Code)
T0004	PERIOD OF VALIDITY FOR PRICE	0..1	Comment: This class can be used to specify a period during which the price is valid. The class must be used if the validity date of the item price differs from the validity date of the pricelist.
			Effective date
			Definition: <b>Date from which the information in this business document is effective.</b> Comment: If not 'immediately'. The date may vary from the corresponding date on the header level. Format: CCYYMMDD Length: 8
T0005	End effective date	0..1	Definition: <b>Date until the information in this business document is effective.</b> Comment: Only if prices are not 'valid until further notice'. The date may vary from the corresponding date on the header level. Format: CCYYMMDD Length: 8
			QUANTITY STEP
			Comment: This class can be used to specify the lowest and possibly the highest order quantity that the price is

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name			Cardinality	Element specification	
T0079			Quantity threshold	1..1	Definition:	based on. The class must be used if the price is based on order quantities.
					Comment:	<b>The minimum quantity in a quantity interval.</b>
					Format:	Lowest quantity (volume) for which the price is valid. Quantity steps must be used for step based pricing.
						A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
T0080			Quantity ceiling	0..1	Definition:	<b>The maximum quantity in a quantity interval.</b>
					Comment:	Highest quantity for which this price is valid. Maximum quantity is not required for the last step in a step based pricelist.
					Format:	A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
T0081			Unit of measurement for range	1..1	Definition:	<b>Measurement unit, code</b>
						<b>Unit in which the associated range is expressed.</b>
					Format:	An alphanumeric string including up to 3 characters. Length: 1 .. 3
			LIST PRICE, DISCOUNTED	0..unbounded	Comment:	This class can be used to specify the price of the trade item. The class must be used when the price type of the trade item is 'List price, discounted', according to an agreement between the buyer and supplier. The class may be repeated in order to specify comparison price, period of validity and/or quantity steps.
T0182			List price, discounted	1..1	Definition:	<b>The discounted base price for the trade item (product or service).</b>
					Comment:	The price is excluding VAT.
					Comment:	Used to identify items outside the framework contract.
					Format:	A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4
T0030			Unit price basis	0..1	Definition:	<b>Number of units for which unit price applies if not one (e.g. 100)</b>
					Comment:	The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid for 100 pcs of the item.
					Comment:	Unit price basis is assumed to be '1' (by default) when the attribute is not used.
					Format:	Is used together with "T0182 Discount price" if the pricing is not 'per piece'. A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3
T0031			Unit of measurement for price	0..1	Definition:	<b>Measurement unit, code</b>

0..1 = no or only one occurrence | 1..1 = occurs exactly once

0..unbounded = no or several occurrences | 1.. unbounded = one or several occurrences

Choice = only one of underlying entities/classes occurs

\* Changed attribute, + new attribute. For a detailed change history see separate document.

### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
			<div><div><div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div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0..1 = no or only one occurrence | 1..1 = occurs exactly once

0..unbounded = no or several occurrences | 1.. unbounded = one or several occurrences

Choice = only one of underlying entities/classes occurs

\* Changed attribute, + new attribute. For a detailed change history see separate document.



### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name			Cardinality	Element specification	
T0031					Comment:	Unit price basis is assumed to be '1' (by default) when the attribute is not used.
					Format:	The attribute is used together with "T0178 Comparison price" if the pricing is not 'per piece'.
						A numeric value consisting of up to nine digits including maximum three decimals.
						Maximum Total Digits: 9
					Maximum Decimal Digits: 3	
T0031					Definition:	Measurement unit, code
						Unit of measurement in which the associated price is expressed.
					Comment:	The unit of measurement is used for items not priced per piece.
					Comment:	The attribute is used together with "T0178 Comparison price" if the pricing is not 'per piece'.
						Note that the unit of measurement for price must be the same as for "T3376 Unit of measurement for comparative quantity"
					Format:	An alphanumeric string including up to 3 characters.
						Length: 1 .. 3
					Code/Description	
					GRM	gram
					MLT	millilitre
					MMT	millimetre
					MTK	square metre
					MTQ	cubic metre
					PCE	Piece (GS1 Code)
T0004					Comment:	This class can be used to specify a period during which the price is valid. The class must be used if the validity date of the item price differs from the validity date of the pricelist.
T0004					Definition:	Date from which the information in this business document is effective.
					Comment:	If not 'immediately'. The date may vary from the corresponding date on the header level.
					Format:	CCYYMMDD
T0005						Length: 8
					Definition:	Date until the information in this business document is effective.
					Comment:	Only if prices are not 'valid until further notice'. The date may vary from the corresponding date on the header level.
T0005					Format:	CCYYMMDD
						Length: 8
T0079					Comment:	This class can be used to specify the lowest and possibly the highest order quantity that the price is based on. The class must be used if the price is based on order quantities.
T0079					Definition:	The minimum quantity in a quantity interval.
					Comment:	Lowest quantity (volume) for which the price is valid. Quantity steps must be used for step based pricing.
					Format:	A numeric value consisting of up to 15 digits including three decimals.
T0080						Maximum Total Digits: 15
						Maximum Decimal Digits: 3
					Definition:	The maximum quantity in a quantity interval.
					Comment:	Highest quantity for which this price is valid. Maximum quantity is not required for the last step in a step

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
T0081	Unit of measurement for range	1..1	Format: based pricelist. A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
			Definition: Measurement unit, code  Unit in which the associated range is expressed.
			Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3
			Code/Description GRM gram MLT millilitre MMT millimetre PCE Piece (GS1 Code)
* T5028	CURRENT LIST PRICE	0..unbounded	Comment: This class can be used to specify the price of the trade item. The class must be used when the price type of the trade item is 'Current list price', according to an agreement between the buyer and supplier. The class may be repeated in order to specify comparison price, period of validity and/or quantity steps.
	Current list price	1..1	Definition: The base price for the trade item (product or service) that the seller/supplier has set. The price varies with supply and demand.  Format: A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4
T0030	Unit price basis	0..1	Definition: Number of units for which unit price applies if not one (e.g. 100) Comment: The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid for 100 pcs of the item. Unit price basis is assumed to be '1' (by default) when the attribute is not used. Comment: Used together with "T5028 Current list price" if pricing is not 'per piece'. Format: A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3
T0031	Unit of measurement for price	0..1	Definition: Measurement unit, code  Unit of measurement in which the associated price is expressed. Comment: The unit of measurement is used for items not priced per piece. Comment: Used together with "T5028 Current list price" if pricing is in other measure unit than 'piece'. Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3 Code/Description GRM gram HUR hour KGM kilogram

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0..unbounded = no or several occurrences | 1..unbounded = one or several occurrences

Choice = only one of underlying entities/classes occurs

\* Changed attribute, + new attribute. For a detailed change history see separate document.

### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
			<div>Code/Description</div> <div> <b>LTR</b> litre  <b>MGM</b> milligram  <b>MLT</b> millilitre  <b>MMT</b> millimetre  <b>MTR</b> metre </div>
	<b>COMPARISON PRICE</b>	0..1	<p><b>Comment:</b> This class can be used to specify a comparison price for the item. The comparison price is calculated based on the price of the item and the information in the class COMPARISON INFORMATION. The price of the item is the price specified in "T0029 Contract price", "T0203 Current price", "T0181 List price", "T0182 List price, discounted", "T5028 Current list price" or T0238 Current list price, discounted", depending on the price type of the item.</p> <p>Example: According to the example described in the class COMPARISON INFORMATION the following values are specified for the attributes of the class COMPARISON INFORMATION:            "T0147 Price comparison measurement value": 21 (number of washes)            "T0145 Price comparison content type": Z10 (per Load)            "T3376 Unit of measurement for comparative quantity": PCE            The price of the package of washing powder is 42 SEK. The following value is therefore specified in T0029, T0203, T0181, T0182, T5028 or T0238 (depending on the price type of the item): 42.            Based on the information above the following values must be specified for the attributes in the class COMPARISON PRICE:            "T0178 Comparison price" = 2 (42 SEK/21 washes)            "T0031 Unit of measurement for price" = PCE            See <a href="http://www.gs1.se/faq">www.gs1.se/faq</a>, under Business Processes, for more examples.            See also <a href="http://www.konsumentverket.se">www.konsumentverket.se</a> for more information on comparison prices.</p>
T0178	Comparison price	1..1	<p><b>Definition:</b> <b>Price which allows comparison of different items taking into account the effective quantity of product in the package</b></p> <p><b>Comment:</b> Is used when required. The attribute is used together with comparison measurement and specification of how the comparison price is calculated.</p> <p><b>Format:</b> A numeric value consisting of up to 15 digits including maximum four decimals.            Maximum Total Digits: 15            Maximum Decimal Digits: 4</p>
T0030	Unit price basis	0..1	<p><b>Definition:</b> <b>Number of units for which unit price applies if not one (e.g. 100)</b></p> <p><b>Comment:</b> The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid for 100 pcs of the item.            Unit price basis is assumed to be '1' (by default) when the attribute is not used.</p> <p><b>Comment:</b> The attribute is used together with "T0178 Comparison price" if the pricing is not 'per piece'.</p> <p><b>Format:</b> A numeric value consisting of up to nine digits including maximum three decimals.            Maximum Total Digits: 9            Maximum Decimal Digits: 3</p>
T0031	Unit of measurement for price	0..1	<p><b>Definition:</b> <b>Measurement unit, code</b></p> <p><b>Unit of measurement in which the associated price is expressed.</b></p>

0..1 = no or only one occurrence | 1..1 = occurs exactly once

0..unbounded = no or several occurrences | 1.. unbounded = one or several occurrences

Choice = only one of underlying entities/classes occurs

\* Changed attribute, + new attribute. For a detailed change history see separate document.

### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name		Cardinality	Element specification			
T0004				Comment:	The unit of measurement is used for items not priced per piece.		
				Comment:	The attribute is used together with "T0178 Comparison price" if the pricing is not 'per piece'. Note that the unit of measurement for price must be the same as for "T3376 Unit of measurement for comparative quantity"		
				Format:	An alphanumeric string including up to 3 characters. Length: 1 .. 3		
				Code/Description			
				GRM	gram		
				MLT	millilitre		
				MMT	millimetre		
				MTK	square metre		
				MTQ	cubic metre		
				PCE	Piece (GS1 Code)		
T0004		PERIOD OF VALIDITY FOR PRICE	0..1	Comment:	This class can be used to specify a period during which the price is valid. The class must be used if the validity date of the item price differs from the validity date of the pricelist.		
		Effective date	1..1	Definition:	<b>Date from which the information in this business document is effective.</b>		
				Comment:	If not 'immediately'. The date may vary from the corresponding date on the header level.		
T0005				Format:	CCYYMMDD Length: 8		
				End effective date	0..1	Definition:	<b>Date until the information in this business document is effective.</b>
						Comment:	Only if prices are not 'valid until further notice'. The date may vary from the corresponding date on the header level.
T0079				Format:	CCYYMMDD Length: 8		
				QUANTITY STEP	0..1	Comment:	This class can be used to specify the lowest and possibly the highest order quantity that the price is based on. The class must be used if the price is based on order quantities.
				Quantity threshold	1..1	Definition:	<b>The minimum quantity in a quantity interval.</b>
T0080				Comment:	Lowest quantity (volume) for which the price is valid. Quantity steps must be used for step based pricing.		
						Format:	A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
				Quantity ceiling	0..1	Definition:	<b>The maximum quantity in a quantity interval.</b>
T0081				Comment:	Highest quantity for which this price is valid. Maximum quantity is not required for the last step in a step based pricelist.		
						Format:	A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
				Unit of measurement for range	1..1	Definition:	<b>Measurement unit, code</b>
					<b>Unit in which the associated range is expressed.</b>		
				Format:	An alphanumeric string including up to 3 characters.		

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
			Length: 1 .. 3
			Code/Description
			GRM gram
			MLT millilitre
			MMT millimetre
			PCE Piece (GS1 Code)
	CURRENT LIST PRICE, DISCOUNTED	0..unbounded	Comment: This class can be used to specify the price of the trade item. The class must be used when the price type of the trade item is 'Current list price, discounted', according to an agreement between the buyer and supplier. The class may be repeated in order to specify comparison price, period of validity and/or quantity steps.
T0238	Current list price, discounted	1..1	Definition: <b>The discounted price that varies with supply and demand for the item (product or service) and that the seller/supplier and the buyer have agreed on to be the set price during a part of the contract period.</b> Comment: Synonyms for Current Prices Discounted: Discounted daily price, a discounted variable rate, discounted spot market price, discounted stock price. Comment: Synonymous with current prices, ie a price that can change from day to day. Any agreement on the frequency of price changes are recommended. The price is excluding VAT. Used to identify items outside the framework contract. Format: A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4
T0030	Unit price basis	0..1	Definition: <b>Number of units for which unit price applies if not one (e.g. 100)</b> Comment: The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid for 100 pcs of the item. Comment: Unit price basis is assumed to be '1' (by default) when the attribute is not used. Comment: Used together with "T0238 Current price, discounted" if pricing is not 'per piece'. Format: A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3
T0031	Unit of measurement for price	0..1	Definition: <b>Measurement unit, code</b> Comment: <b>Unit of measurement in which the associated price is expressed.</b> Comment: The unit of measurement is used for items not priced per piece. Comment: Used together with "T0238 Current price, discounted" if pricing is in other measure unit than 'piece'. Format: An alphanumeric string including up to 3 characters. Length: 1 .. 3
			Code/Description
			GRM gram
			HUR hour
			KGM kilogram
			LTR litre
			MGM milligram

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
			<div>Code/Description</div> <div>MLT millilitre</div> <div>MMT millimetre</div> <div>MTR metre</div>
	COMPARISON PRICE	0..1	<p><b>Comment:</b> This class can be used to specify a comparison price for the item. The comparison price is calculated based on the price of the item and the information in the class COMPARISON INFORMATION. The price of the item is the price specified in "T0029 Contract price", "T0203 Current price", "T0181 List price", "T0182 List price, discounted", "T5028 Current list price" or T0238 Current list price, discounted", depending on the price type of the item.</p> <p>Example: According to the example described in the class COMPARISON INFORMATION the following values are specified for the attributes of the class COMPARISON INFORMATION:</p> <p>"T0147 Price comparison measurement value": 21 (number of washes)</p> <p>"T0145 Price comparison content type": Z10 (per Load)</p> <p>"T3376 Unit of measurement for comparative quantity": PCE</p> <p>The price of the package of washing powder is 42 SEK. The following value is therefore specified in T0029, T0203, T0181, T0182, T5028 or T0238 (depending on the price type of the item): 42.</p> <p>Based on the information above the following values must be specified for the attributes in the class COMPARISON PRICE:</p> <p>"T0178 Comparison price" = 2 (42 SEK/21 washes)</p> <p>"T0031 Unit of measurement for price" = PCE</p> <p>See <a href="http://www.gs1.se/faq">www.gs1.se/faq</a>, under Business Processes, for more examples.</p> <p>See also <a href="http://www.konsumentverket.se">www.konsumentverket.se</a> for more information on comparison prices.</p>
T0178	Comparison price	1..1	<p><b>Definition:</b> Price which allows comparison of different items taking into account the effective quantity of product in the package</p> <p><b>Comment:</b> Is used when required. The attribute is used together with comparison measurement and specification of how the comparison price is calculated.</p> <p><b>Format:</b> A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4</p>
T0030	Unit price basis	0..1	<p><b>Definition:</b> Number of units for which unit price applies if not one (e.g. 100)</p> <p><b>Comment:</b> The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid for 100 pcs of the item.</p> <p>Unit price basis is assumed to be '1' (by default) when the attribute is not used.</p> <p><b>Comment:</b> The attribute is used together with "T0178 Comparison price" if the pricing is not 'per piece'.</p> <p><b>Format:</b> A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3</p>
T0031	Unit of measurement for price	0..1	<p><b>Definition:</b> Measurement unit, code</p> <p><b>Unit of measurement in which the associated price is expressed.</b></p> <p><b>Comment:</b> The unit of measurement is used for items not priced per piece.</p> <p><b>Comment:</b> The attribute is used together with "T0178 Comparison price" if the pricing is not 'per piece'.</p>

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Choice = only one of underlying entities/classes occurs

\* Changed attribute, + new attribute. For a detailed change history see separate document.

### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name		Cardinality	Element specification	
T0004					Note that the unit of measurement for price must be the same as for "T3376 Unit of measurement for comparative quantity"
				Format:	An alphanumeric string including up to 3 characters.
				Length:	1 .. 3
				Code/Description	
				GRM	gram
				MLT	millilitre
				MMT	millimetre
				MTK	square metre
				MTQ	cubic metre
				PCE	Piece (GS1 Code)
T0004		PERIOD OF VALIDITY FOR PRICE	0..1	Comment:	This class can be used to specify a period during which the price is valid. The class must be used if the validity date of the item price differs from the validity date of the pricelist.
				Effective date	1..1
T0005		End effective date	0..1	Comment:	If not 'immediately'. The date may vary from the corresponding date on the header level.
				Format:	CCYYMMDD Length: 8
T0005				Definition:	<b>Date until the information in this business document is effective.</b>
				Comment:	Only if prices are not 'valid until further notice'. The date may vary from the corresponding date on the header level.
T0079		QUANTITY STEP	0..1	Format:	CCYYMMDD Length: 8
				Comment:	This class can be used to specify the lowest and possibly the highest order quantity that the price is based on. The class must be used if the price is based on order quantities.
T0079		Quantity threshold	1..1	Definition:	<b>The minimum quantity in a quantity interval.</b>
				Comment:	Lowest quantity (volume) for which the price is valid. Quantity steps must be used for step based pricing.
T0080		Quantity ceiling	0..1	Format:	A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
				Definition:	<b>The maximum quantity in a quantity interval.</b>
T0081		Unit of measurement for range	1..1	Comment:	Highest quantity for which this price is valid. Maximum quantity is not required for the last step in a step based pricelist.
				Format:	A numeric value consisting of up to 15 digits including three decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 3
T0081				Definition:	<b>Measurement unit, code</b>
				Format:	<b>Unit in which the associated range is expressed.</b> An alphanumeric string including up to 3 characters. Length: 1 .. 3

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification																	
				<table><tr><th colspan="2">Code/Description</th></tr><tr><td>GRM</td><td>gram</td></tr><tr><td>MLT</td><td>millilitre</td></tr><tr><td>MMT</td><td>millimetre</td></tr><tr><td>PCE</td><td>Piece (GS1 Code)</td></tr></table>	Code/Description		GRM	gram	MLT	millilitre	MMT	millimetre	PCE	Piece (GS1 Code)						
	Code/Description																			
	GRM	gram																		
	MLT	millilitre																		
	MMT	millimetre																		
PCE	Piece (GS1 Code)																			
	TEMPORARILY DISCOUNTED PRICE	0..1	Comment:	This class is used to specify a price which is temporarily valid for the item during a period of time, for example during a campaign. If the class is used a price type of the class "Regular price" must also be used.																
	LIST PRICE, TEMPORARILY DISCOUNTED	1..unbounded	Comment:	This class can be used to specify the price of the trade item. The class must be used when the price type of the trade item is 'List price, temporarily discounted', according to an agreement between the buyer and supplier. The class may be repeated in order to specify period of validity and/or quantity steps. A comparison price may not be specified for a temporarily discounted price. A comparison price may only be specified for the regular price of the item																
* T5029	List price, temporarily discounted	1..1	Definition:	The temporary discounted list price for the trade item (product or service) that the seller/supplier offers during a part of the contract period (the campaign period).																
			Format:	A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4																
T0030	Unit price basis	0..1	Definition:	Number of units for which unit price applies if not one (e.g. 100)																
			Comment:	The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid for 100 pcs of the item. Unit price basis is assumed to be '1' (by default) when the attribute is not used.																
			Comment:	Is used together with "T5029 List price, temporarily discounted" if the pricing is not 'per piece'.																
			Format:	A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3																
T0031	Unit of measurement for price	0..1	Definition:	Measurement unit, code																
			Comment:	Unit of measurement in which the associated price is expressed.																
			Comment:	The unit of measurement is used for items not priced per piece. Used together with "T5029 List price, temporarily discounted" if pricing is in other measure unit than 'piece'.																
			Format:	An alphanumeric string including up to 3 characters. Length: 1 .. 3																
				<table><tr><th colspan="2">Code/Description</th></tr><tr><td>GRM</td><td>gram</td></tr><tr><td>HUR</td><td>hour</td></tr><tr><td>KGM</td><td>kilogram</td></tr><tr><td>LTR</td><td>litre</td></tr><tr><td>MGM</td><td>milligram</td></tr><tr><td>MLT</td><td>millilitre</td></tr><tr><td>MMT</td><td>millimetre</td></tr></table>	Code/Description		GRM	gram	HUR	hour	KGM	kilogram	LTR	litre	MGM	milligram	MLT	millilitre	MMT	millimetre
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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification
T0004	PERIOD OF VALIDITY FOR PRICE	0..1	<div>Code/Description</div> <div>MTR metre</div> <div>Comment: This class can be used to specify a period during which the price is valid. The class must be used if the validity date of the item price differs from the validity date of the pricelist.</div>
	Effective date	1..1	<div>Definition: <b>Date from which the information in this business document is effective.</b></div> <div>Comment: If not 'immediately'. The date may vary from the corresponding date on the header level.</div> <div>Format: CCYYMMDD</div> <div>Length: 8</div>
	End effective date	0..1	<div>Definition: <b>Date until the information in this business document is effective.</b></div> <div>Comment: Only if prices are not 'valid until further notice'. The date may vary from the corresponding date on the header level.</div> <div>Format: CCYYMMDD</div> <div>Length: 8</div>
T0079	QUANTITY STEP	0..1	<div>Comment: This class can be used to specify the lowest and possibly the highest order quantity that the price is based on. The class must be used if the price is based on order quantities.</div>
	Quantity threshold	1..1	<div>Definition: <b>The minimum quantity in a quantity interval.</b></div> <div>Comment: Lowest quantity (volume) for which the price is valid. Quantity steps must be used for step based pricing.</div> <div>Format: A numeric value consisting of up to 15 digits including three decimals.</div> <div>Maximum Total Digits: 15</div> <div>Maximum Decimal Digits: 3</div>
	Quantity ceiling	0..1	<div>Definition: <b>The maximum quantity in a quantity interval.</b></div> <div>Comment: Highest quantity for which this price is valid. Maximum quantity is not required for the last step in a step based pricelist.</div> <div>Format: A numeric value consisting of up to 15 digits including three decimals.</div> <div>Maximum Total Digits: 15</div> <div>Maximum Decimal Digits: 3</div>
T0081	Unit of measurement for range	1..1	<div>Definition: <b>Measurement unit, code</b></div> <div><b>Unit in which the associated range is expressed.</b></div> <div>Format: An alphanumeric string including up to 3 characters.</div> <div>Length: 1 .. 3</div> <div> <div>Code/Description</div> <div>GRM gram</div> <div>MLT millilitre</div> <div>MMT millimetre</div> <div>PCE Piece (GS1 Code)</div> </div>
	CUSTOMER ORDER BASED PRICE	0..1	<div>Comment: This class is used to specify the price of a customer order based item, that is, a trade item which is produced after order.</div>
	PRICE OF CUSTOMER ORDER BASED ITEM	1..unbounded	<div>Comment: This class can be used to specify the price of the trade item. The class must be used when the price type of the item is 'Price of customer order based item', according to an agreement between the buyer and supplier.</div>

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification																		
* T5030	Price of customer order based item	1..1	Definition: Comment:	<b>The price of an item that is produced after order.</b> The price is a budget price or a cost estimate price that the customer can use a preliminary price for the item that is going to be manufactured or assembled. The actual price will be specified in the invoice. The parties must agree on this procedure.																	
			Format:	A numeric value consisting of up to 15 digits including maximum four decimals. Maximum Total Digits: 15 Maximum Decimal Digits: 4																	
T0030	Unit price basis	0..1	Definition: Comment:	<b>Number of units for which unit price applies if not one (e.g. 100)</b> The attribute is used when the price is valid for more than one unit of the item, e.g. when the price is valid for 100 pcs of the item.																	
			Comment:	Unit price basis is assumed to be '1' (by default) when the attribute is not used.																	
			Format:	Is used together with "T5030 Price of customer order based item" if the pricing is not 'per piece'. A numeric value consisting of up to nine digits including maximum three decimals. Maximum Total Digits: 9 Maximum Decimal Digits: 3																	
T0031	Unit of measurement for price	0..1	Definition:	<b>Measurement unit, code</b>																	
			Comment:	<b>Unit of measurement in which the associated price is expressed.</b>																	
			Comment:	The unit of measurement is used for items not priced per piece.																	
			Comment:	Used together with "T5030 Price of customer order based item" if pricing is in other measure unit than 'piece'.																	
			Format:	An alphanumeric string including up to 3 characters. Length: 1 .. 3																	
			<table><tr><th>Code/Description</th></tr><tr><td>GRM</td><td>gram</td></tr><tr><td>HUR</td><td>hour</td></tr><tr><td>KGM</td><td>kilogram</td></tr><tr><td>LTR</td><td>litre</td></tr><tr><td>MGM</td><td>milligram</td></tr><tr><td>MLT</td><td>millilitre</td></tr><tr><td>MMT</td><td>millimetre</td></tr><tr><td>MTR</td><td>metre</td></tr></table>		Code/Description	GRM	gram	HUR	hour	KGM	kilogram	LTR	litre	MGM	milligram	MLT	millilitre	MMT	millimetre	MTR	metre
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MLT	millilitre																				
MMT	millimetre																				
MTR	metre																				
	TAX	1..unbounded	Comment:	The following terms occur usually once per item for each combination of Tax type, Tax category and Tax rate. Tax type VAT is always required for new trade items (T0056=1). Tax terms are also used if tax is changed for a changed trade item (T0056=3). Articles which are excluded from tax shall always be notified as 'excluded' (T0197=E).																	
* T0194	Duty fee tax type code	1..1	Definition: Comment:	<b>Code which indicates the tax type.</b> Code list is available at <a href="http://www.gs1.se/codelists">www.gs1.se/codelists</a> , see code list T0194.																	
			Format:	An alphanumeric string including up to three characters. Length: 1 .. 3																	
T0197	Tax category	1..1	Definition:	<b>The category that determines the tax rate and other tax rules.</b>																	

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### GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification	
* T0195			Comment:	Code list is available at <a href="http://www.gs1.se/codelists">www.gs1.se/codelists</a> , see code list T0197.
			Format:	An alphanumeric string including up to 3 characters. Length: 1 .. 3
			Code/Description	
			B	Limited right for deduction
			E	Excluded from VAT
			H	Hotel, camping, etc.
			L	Public service
			M	Food
			R	Restaurant services
			S	Standard
T	Papers, books etc			
U	Travels			
Z	Zero % tax			
* T0195	Duty fee tax rate	0..1	Definition:	<b>The tax rate used for calculating the tax.</b>
			Comment:	Required when the item is not exempt from tax. The decimal character must be specified where appropriate, e.g. the tax level 17,5% is transferred as '17.5'.
			Format:	A numeric value consisting of up to six digits including maximum four decimals. Maximum Total Digits: 6 Maximum Decimal Digits: 4
	TRADE ITEM HIERARCHY	0..unbounded	Comment:	The following terms are only used to specify multiple or mixed packages or composite services. Terms occur once for multiple packages. For mixed packages and composite services, terms occur once for each article of which the mixed package or composite service consist of. For specification of trade item hierarchy, the attributes occur once. Trade item information for each trade item in a composite product/ service must also be specified in a main line.
T0051	Line number	1..1	Definition:	<b>A sequence number within the business document.</b>
			Comment:	Line numbers will be a number in ascending order. E.g 1, 2, 3, 4 and so on Alt 10, 20, 30, ...
			Comment:	Sequence number of sublines within line the pricelist. The same series of line numbers as in the main line.
			Format:	An integer including up to six digits. Maximum Total Digits: 6 Maximum Decimal Digits: 0
T0155	Reference to line at higher level	1..1	Definition:	<b>Identity of the line at a higher level that this sub-line refers to.</b>
			Comment:	Sequence number of the main line containing the article number of a mixed package/composed service or multiple package.
			Format:	An integer including up to six digits. Maximum Total Digits: 6 Maximum Decimal Digits: 0
* T3361	Quantity of next lower level trade item	0..1	Definition:	<b>Number of contained items in this item.</b>
			Comment:	The number of detailed trade items in the multi-pack or mixed packaging specified. Although the default value for the number of units in package is one (1), the '1 ' may be specified. The corresponding data is specified in "T0026 Number of Items in a traded case unit".



## Business Document Specification

### Changed selection and price list 6.1.2

Issue date: 2016-06-29

Version: 2.9.3

Related message specification: MS 42

GS1 Sweden ESAP

#### Elements and structure

Entity id	Element name	Cardinality	Element specification	
			Format:	An integer including up to five digits. Maximum Total Digits: 5 Maximum Decimal Digits: 0
	<b>INCLUDED ITEM IDENTITY</b>	1..1	Comment:	This class is used to specify the identity of the included item. Only one of the following attributes may be used.
* T2045	Child trade item, GTIN	0..1	Definition:	<b>Item/service included in a product hierarchy or in a mixed range or assortment product</b>
			Comment:	The item is part of a multiple or mixed package. The item must have been specified in an earlier stage.
			Format:	GTIN (Global Trade Item Number). An alphanumeric string including exactly 14 digits. Length: 14
T3408	Included item or service supplier's article number	0..1	Definition:	<b>Item/service included in a product hierarchy or in a mixed range or assortment product</b>
			Format:	An alphanumeric string including up to 35 characters. Length: 1 .. 35
T3407	Included item or service manufacturer's article number	0..1	Definition:	<b>Item/service included in a product hierarchy or in a mixed range or assortment product</b>
			Format:	An alphanumeric string including up to 35 characters. Length: 1 .. 35

0..1 = no or only one occurrence | 1..1 = occurs exactly once

0..unbounded = no or several occurrences | 1.. unbounded = one or several occurrences

Choice = only one of underlying entities/classes occurs

\* Changed attribute, + new attribute. For a detailed change history see separate document.