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DRAFT

IMPLEMENTATION GUIDE

TRANSACTION "TEXTILE COLLECTION FORECAST"

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0. PREMISE

This document contains a proposal for the updating and extension of eBIZ specifications starting from the eBIZ version released as CEN CWA 16667 in 2013. Under the name of 'Draft version' it is reported the result of an extensive work of analysis and consultation aimed at developing and maintaining eBIZ specifications.

In particular, the content of this proposal is the result of various activities, mainly those carried out within the framework of the **eBIZ 4.0 project** funded by the European Commission, call COS-DESIGN-2015-3-06, topic COS-2015-DESIGN-2.

The technical contents are backwards compatible with the latest official published version.

1. BUSINESS DESCRIPTION

1.1 Scope

The present guide has been issued to assist the companies of the Textile-Clothing sector in the implementation of the standard XML document type “Textile COLLECTION FORECAST”, providing all the instruction required for its use in any context of e-commerce between Apparel Producers and Fabric Producers.
All the rules required for the construction and validation of the document are embedded into the specific XML-Schema, which is detailed in section "Implementation guide".

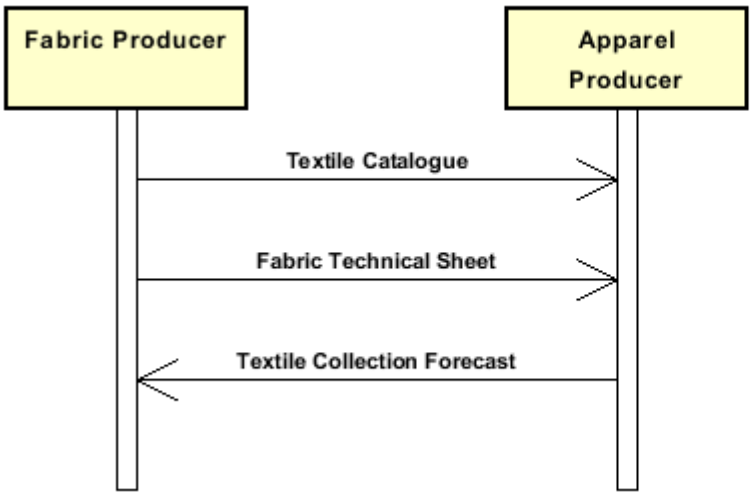
1.2 Generalities

The document "Textile Collection Forecast" is used to notify to the Fabric Producerr the articles of his Offer that are considered for future acquisition or use in the Season Collection. The same document can also be used by the Client to request the Fabric Technical Sheet and/or notify his article code to the Producer.
Each article notified must be identified at SKU level by the Supplier's code. An estimated quantity can be supplied only for information.

In some business scenarios this message may be used to notify the Textile Controller about the fabric artcles he will inspect in the season

1.3. Possible scenario

Selection of fabric


Fabric Producer
Apparel Producer
Textile Catalogue
Fabric Technical Sheet
Textile Collection Forecast

2. IMPLEMENTATION GUIDE

2.1 General structure of XML document

All the business data that can be exchanged through this class of documents are shown in the following "document structure", that provides a simplified vision of the Schema.
In particular:
- the two numbers following each element define its "cardinality" (minimum and maximum number of occurrencies); the minimum equal zero indicates that the element is optional, the minimum greater than zero indicates that is mandatory;
- the bold character denotes the complex elements (aggregates of simple elements) that were built for the sake of functionality and re-usability of some complex informations sets. The child elements in each parent element are easily spotted as "indented";
- the symbol "@" denotes an attribute of the preceding element; here "the usage indicator (optional, required, ...) is shown in square brackets.

Structure

TEXCollection
@TNtype [Required]
@msgfunction [Optional] [Default= OR]
@version [Optional] [Default= draft]
@useProfile [Optional]
| TNheader 1-1
| | msgN 1-1
- choose -
| | msgID 0-1
- or -
| | docID 0-1
| | *@numberingOrg [Optional]*
- end choose -
| | msgDate 1-1
| | *@dateForm [Optional]*
| | msgCurrency 0-1
| | season 0-1
| | *@numberingOrg [Optional]*
| | *@codeList [Optional]*
| | *@listName [Optional]*
| | *@listVersion [Optional]*
| | refDoc 0-1
| | *@docType [Required]*
| | | docID 1-2
| | | *@numberingOrg [Optional]*
| | | docDate 0-1
| | | *@dateForm [Optional]*
| | | season 0-1
| | | *@numberingOrg [Optional]*
| | | *@codeList [Optional]*
| | | *@listName [Optional]*
| | | *@listVersion [Optional]*
| | | itemID 0-1
| | | attachment 0-1
| | | *@uid [Optional]*
| | | | fileName 0-1
| | | | *@numberingOrg [Optional]*
| | | | binaryObject 0-1
| | | | *@format [Optional]*
| | | | *@mime [Optional]*
| | | | *@encoding [Optional]*

| | | | *@characterSet [Optional]*
| | | | **externalReference 0-99**
| | | | | uri 1-1
| | | | | *@isURL [Optional] [Default= true]*
| | | | | mimeCode 0-1
| | | | | formatCode 0-1
| | | | | encodingCode 0-1
| | | | | characterSetCode 0-1
| | **buyer 1-1**
| | *@logo [Optional]*
| | *@sender [Optional]*
| | | id 1-1
| | | *@numberingOrg [Optional]*
| | | additionalIdentifier 0-9
| | | *@numberingOrg [Optional]*
| | | *@idQualifier [Optional]*
| | | legalName 0-1
| | | dept 0-1
| | | subDept 0-1
| | | person 0-1
| | | *@email [Optional]*
| | | *@phone [Optional]*
| | | *@fax [Optional]*
| | | street 0-1
| | | city 0-1
| | | subCountry 0-1
| | | country 0-1
| | | postCode 0-1
| | **supplier 1-1**
| | *@logo [Optional]*
| | *@sender [Optional]*
| | | id 1-1
| | | *@numberingOrg [Optional]*
| | | additionalIdentifier 0-9
| | | *@numberingOrg [Optional]*
| | | *@idQualifier [Optional]*
| | | legalName 0-1
| | | dept 0-1
| | | subDept 0-1
| | | person 0-1
| | | *@email [Optional]*
| | | *@phone [Optional]*
| | | *@fax [Optional]*
| | | street 0-1
| | | city 0-1
| | | subCountry 0-1
| | | country 0-1
| | | postCode 0-1
| | **thirdParty 0-1**
| | *@VAT [Optional]*
| | *@role [Required]*
| | *@sender [Optional]*
| | | id 1-1
| | | *@numberingOrg [Optional]*
| | | legalName 0-1
| | | dept 0-1
| | | subDept 0-1
| | | person 0-1
| | | *@email [Optional]*
| | | *@phone [Optional]*
| | | *@fax [Optional]*

| | | street 0-1
| | | city 0-1
| | | subCountry 0-1
| | | country 0-1
| | | postCode 0-1
| | note 0-99
| | *@numberingOrg [Optional]*
| | *@codeList [Optional]*
| | *@noteLabel [Optional]*

| TNbody 1-1
| | TNitem 1-unbounded
| | *@techSheet [Optional]*
| | | lineN 1-1
| | | *@VAT [Optional]*
| | | texCode 1-2
| | | *@numberingOrg [Optional]*
| | | | art 1-1
| | | | *@numberingOrg [Optional]*
| | | | *@codeList [Optional]*
| | | | *@listName [Optional]*
| | | | *@listVersion [Optional]*
| | | | pattern 0-1
| | | | *@numberingOrg [Optional]*
| | | | *@codeList [Optional]*
| | | | *@listName [Optional]*
| | | | *@listVersion [Optional]*
| | | | color 0-1
| | | | *@numberingOrg [Optional]*
| | | | *@codeList [Optional]*
| | | | *@listName [Optional]*
| | | | *@listVersion [Optional]*
| | | | added 0-9
| | | | *@numberingOrg [Optional]*
| | | | *@addType [Optional]*
| | | | description 0-unbounded
| | | | *@ln [Optional]*
| | | qty 0-2
| | | *@um [Required]*
| | | amount 0-1
| | | season 0-1
| | | *@numberingOrg [Optional]*
| | | *@codeList [Optional]*
| | | *@listName [Optional]*
| | | *@listVersion [Optional]*
| | | fabricCompos 0-1
| | | | percCompos 1-9
| | | | *@fibre [Required]*
| | | fabricWeightM 0-1
| | | *@um [Optional] [Default= GRM]*
| | | fabricWidth 0-1
| | | *@um [Optional] [Default= CMT]*

2.2 Detailed description of document elements

Following tables show all elements (complex and simple) used in this document. Description includes: 1) element's information: xml tag, name, brief description, data type and sintax constraints; 2) information about use of the element in a particular position in the document: xpath and possible associated notes.

2.2.1 Complex elements (Aggregate Business Information Entities)

Complex elements are those elements whose content is composed of other elements (childs).Complex elements are alphabetically ordered.

attachment	an attached document. An attachment can refer to an external document or be included with the document being exchanged (XPath TEXCollection/TNheader/refDoc/attachment) 0-1
buyer	details of the Buyer (party that buys the good or service that is object of the current collaborative process) - base type: Nad, (XPath TEXCollection/TNheader/buyer) 1-1
externalReference	details about an external object, such as a document stored at a remote loc ation (XPath TEXCollection/TNheader/refDoc/attachment/externalReference) 0-99
fabricCompos	composition of the fabric according to the Directory 97/37/CE (XPath TEXCollection/TNbody/TNitem/fabricCompos) 0-1
refDoc	identification of a document and of an item thereof, to which the message m akes reference (XPath TEXCollection/TNheader/refDoc) 0-1 - note: *here the referenced price catalogue can be specified*
supplier	details of the Supplier (party that supplies the good or service that is object of the current collaborative process) - base type: Nad, (XPath TEXCollection/TNheader/supplier) 1-1
texCode	full codification of the textile product (XPath TEXCollection/TNbody/TNitem/texCode) 1-2 - note: *the article must be identified with the supplier's code; the buyer's cod e can be added*
thirdParty	details of the Third Party, different from Buyer or Supplier - base type: Nad, (XPath TEXCollection/TNheader/thirdParty) 0-1
TNbody	body of the document TEXTILES COLLECTION FORECAST (XPath TEXCollection/TNbody) 1-1
TNheader	header of the document TEXTILES COLLECTION FORECAST (XPath TEXCollection/TNheader) 1-1
TNitem	line item of the document TEXTILES COLLECTION FORECAST (XPath TEXCollection/TNbody/TNitem) 1-unbounded

2.2.2 Simple elements (Basic Business Information Entities)

Simple elements are those elements whose content is characterized by a data type plus a domain of possible values. Simple elements are alphabetically ordered.

added	additional code of the product (complementing the formers) - base type: string, max length: 80, (XPath TEXCollection/TNbody/TNitem/texCode/added) 0-9 - note: *here an additional codification (see table T44) can be specified*
additionalIdentifier	additional identification code of a Party, for example customs registries or ot hers - base type: string, max length: 15, (XPath TEXCollection/TNheader/supplier/additionalIdentifier) 0-9 - note: *identifiers for example for exports, such as MID (Manufacturer Identifi cation Code), EORI (E.O.R.I. - Economic Operator Registration and Identific ation)* (XPath TEXCollection/TNheader/buyer/additionalIdentifier) 0-9 - note: *identifiers for example for exports, such as MID (Manufacturer Identifi cation Code), EORI (E.O.R.I. - Economic Operator Registration and Identific ation)*
@addType	qualifier of the additional coding of a product - base type: string, cod. table: T44 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T44.xml* (XPath TEXCollection/TNbody/TNitem/texCode/added/@addType) [Optional] - nota: *addType allows the clarification of the meaning of the added element content; it is strongly suggested to use it always.*
amount	total monetary value of the goods and services considered in the message li ne (usually net price x quantity) - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXCollection/TNbody/TNitem/amount) 0-1 --- **AAAA-WARNING! - text not AVAILABLE n. 245 - In=en** **- note:** ***indicates a total expense forecast for the article***
art	article number of the product - base type: string, max length: 80, (XPath TEXCollection/TNbody/TNitem/texCode/art) 1-1 - note: *can be used either for the base-article (excluding pattern/colour) or fo r the SKU*
binaryObject	a binary large object containing an attached document - base type: base64Binary, (XPath TEXCollection/TNheader/refDoc/attachment/binaryObject) 0-1
@characterSet	the character set of the binary object if the mime type is text - base type: normalizedString, (XPath TEXCollection/TNheader/refDoc/attachment/ binaryObject/@characterSet) [Optional]
characterSetCode	the character set of an external document - base type: normalizedString, (XPath TEXCollection/TNheader/refDoc/attachment/ externalReference/characterSetCode) 0-1
city	name of the city (town, village) - base type: string, max length: 40, (XPath TEXCollection/TNheader/buyer/city) 0-1 (XPath TEXCollection/TNheader/supplier/city) 0-1 (XPath TEXCollection/TNheader/thirdParty/city) 0-1
@codeList	it specifies the URL where the list of codes used to make an instance of the element can be found - base type: string, max length: 255, (XPath TEXCollection/TNbody/TNitem/texCode/art/@codeList) [Optional] - nota: *this attribute should be ALTERNATIVE to the others* (XPath TEXCollection/TNheader/season/@codeList) [Optional] (XPath TEXCollection/TNheader/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"*

	(XPath TEXCollection/TNbody/TNitem/texCode/pattern/@codeList) [Optional] - nota: *this attribute should be ALTERNATIVE to the others* (XPath TEXCollection/TNbody/TNitem/texCode/color/@codeList) [Optional] - nota: *this attribute could be used as alternative to the others* (XPath TEXCollection/TNbody/TNitem/season/@codeList) [Optional] (XPath TEXCollection/TNheader/refDoc/season/@codeList) [Optional]
color	colour number of the product, when not included in the model or fabric code - base type: string, max length: 15, (XPath TEXCollection/TNbody/TNitem/texCode/color) 0-1
country	code of the nation - base type: string, cod. table: T10 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml* (XPath TEXCollection/TNheader/thirdParty/country) 0-1 (XPath TEXCollection/TNheader/supplier/country) 0-1 (XPath TEXCollection/TNheader/buyer/country) 0-1
@dateForm	format used for the date - base type: string, cod. table: NT29 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml* (XPath TEXCollection/TNheader/refDoc/docDate/@dateForm) [Optional] (XPath TEXCollection/TNheader/msgDate/@dateForm) [Optional]
dept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath TEXCollection/TNheader/thirdParty/dept) 0-1 (XPath TEXCollection/TNheader/buyer/dept) 0-1 (XPath TEXCollection/TNheader/supplier/dept) 0-1
description	free text description. The content of the element must be unique, it might be translated and repeated into more languages (thus no more than one instan ce for each language). - base type: string, max length: 250, (XPath TEXCollection/TNbody/TNitem/texCode/description) 0-unbounded - note: *Product description*
docDate	date of issue of the referenced document, according to one of the patterns Y YYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath TEXCollection/TNheader/refDoc/docDate) 0-1
docID	identification number of the referenced document SINCE 2008-1 ITS USE I N THE HEADER IS DISCOURAGED (REPLACED BY msgID) - base type: string, max length: 80, (XPath TEXCollection/TNheader/refDoc/docID) 1-2 (XPath TEXCollection/TNheader/docID) 0-1
@docType	type or class to which the referenced document belongs - base type: string, cod. table: T21 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml* (XPath TEXCollection/TNheader/refDoc/@docType) [Required]
@email	electronic mail address of the contact person within a Party - base type: string, max length: 250, (XPath TEXCollection/TNheader/buyer/person/@email) [Optional] (XPath TEXCollection/TNheader/supplier/person/@email) [Optional] (XPath TEXCollection/TNheader/thirdParty/person/@email) [Optional]
@encoding	specifies the decoding algorithm of the binary object - base type: normalizedString, (XPath TEXCollection/TNheader/refDoc/attachment/ binaryObject/@encoding) [Optional]
encodingCode	the encoding/decoding algorithm used with the external object - base type: normalizedString,

	(XPath TEXCollection/TNheader/refDoc/attachment/ externalReference/encodingCode) 0-1
fabricWeightM	weight per metre of the fabric as technical specification - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXCollection/TNbody/TNitem/fabricWeightM) 0-1
fabricWidth	width of the fabric as technical specification - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXCollection/TNbody/TNitem/fabricWidth) 0-1
@fax	fax number of the contact person within a Party - base type: string, max length: 35, (XPath TEXCollection/TNheader/buyer/person/@fax) [Optional] (XPath TEXCollection/TNheader/supplier/person/@fax) [Optional] (XPath TEXCollection/TNheader/thirdParty/person/@fax) [Optional]
@fibre	type of fibre used in a textile product - base type: string, cod. table: T19 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T19.xml* (XPath TEXCollection/TNbody/TNitem/fabricCompos/ percCompos/@fibre) [Required]
fileName	unique identifier (name) of the file - base type: string, max length: 255, (XPath TEXCollection/TNheader/refDoc/attachment/fileName) 0-1
@format	the format of the binary content - base type: string, (XPath TEXCollection/TNheader/refDoc/attachment/ binaryObject/@format) [Optional]
formatCode	the format of the external object - base type: normalizedString, (XPath TEXCollection/TNheader/refDoc/attachment/ externalReference/formatCode) 0-1
id	primary identification code of a Party; it is recommended the format: nation c ode (ISO 3166) + VAT identification number (11 crt), with the qualifier "num beringOrg"= MF - base type: string, max length: 15, (XPath TEXCollection/TNheader/thirdParty/id) 1-1 (XPath TEXCollection/TNheader/supplier/id) 1-1 (XPath TEXCollection/TNheader/buyer/id) 1-1
@idQualifier	Qualification of the identifier. - base type: string, (XPath TEXCollection/TNheader/buyer/additionalIdentifier/@idQualifier) [Optional] - nota: *this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier* (XPath TEXCollection/TNheader/supplier/additionalIdentifier/@idQualifier) [Optional] - nota: *this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier*
@isURL	it indicates if the referred element is an URL (true) or not (false) - base type: boolean, (XPath TEXCollection/TNheader/refDoc/attachment/ externalReference/uri/@isURL) [Optional] [Default= true] - nota: *usage of URLs is recommended*
itemID	number of the line/item of the referenced document - base type: string, max length: 6, (XPath TEXCollection/TNheader/refDoc/itemID) 0-1
legalName	legal name of a Party - base type: string, max length: 250,

	(XPath TEXCollection/TNheader/buyer/legalName) 0-1 (XPath TEXCollection/TNheader/supplier/legalName) 0-1 (XPath TEXCollection/TNheader/thirdParty/legalName) 0-1
lineN	number of the line item of the present message (xml document); it is set by t he role that produces the document. Usually it is a progressive number, but not always. - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath TEXCollection/TNbody/TNitem/lineN) 1-1
@listName	the name of the list of codes used to make an instance of the element (it mi gth be thought as descriptive element, i.e. 'fabric printing technologies', or n ot, i.e. "T264") - base type: string, max length: 40, (XPath TEXCollection/TNbody/TNitem/season/@listName) [Optional] (XPath TEXCollection/TNbody/TNitem/texCode/color/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"* (XPath TEXCollection/TNheader/refDoc/season/@listName) [Optional] (XPath TEXCollection/TNbody/TNitem/texCode/pattern/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"* (XPath TEXCollection/TNheader/season/@listName) [Optional] (XPath TEXCollection/TNbody/TNitem/texCode/art/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"*
@listVersion	it specifie the version of the list of codes used to make an instance of the ele ment - base type: string, max length: 6, (XPath TEXCollection/TNbody/TNitem/season/@listVersion) [Optional] (XPath TEXCollection/TNbody/TNitem/texCode/color/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" an d "listName"* (XPath TEXCollection/TNbody/TNitem/texCode/art/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" an d "listName"* (XPath TEXCollection/TNheader/season/@listVersion) [Optional] (XPath TEXCollection/TNheader/refDoc/season/@listVersion) [Optional] (XPath TEXCollection/TNbody/TNitem/texCode/pattern/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" an d "listName"*
@ln	Language code. - base type: string, (XPath TEXCollection/TNbody/TNitem/texCode/description/@ln) [Optional]
@logo	company logo (URL of the image jpeg or gif). It is recommended that the wi dth of the image does not exceed 640 pixel. - base type: string, max length: 255, (XPath TEXCollection/TNheader/buyer/@logo) [Optional] (XPath TEXCollection/TNheader/supplier/@logo) [Optional]
@mime	the mime type of the binary object - base type: normalizedString, (XPath TEXCollection/TNheader/refDoc/attachment/ binaryObject/@mime) [Optional]
mimeCode	mime type of the external object - base type: normalizedString, (XPath TEXCollection/TNheader/refDoc/attachment/ externalReference/mimeCode) 0-1
msgCurrency	currency used to express the monetary amounts of the message - base type: string, cod. table: T9 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T9.xml* (XPath TEXCollection/TNheader/msgCurrency) 0-1

msgDate	date of issue of the present message (xml document), according to one of th e patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath TEXCollection/TNheader/msgDate) 1-1
@msgfunction	function performed by the present message with regards to the transmission - base type: string, cod. table: NT18 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml* (XPath TEXCollection/@msgfunction) [Optional] [Default= OR]
msgID	key identifier of the business document in the information system of the issui ng Party. In case of more despatches of the same business document, it is unchanged. - base type: string, max length: 35, (XPath TEXCollection/TNheader/msgID) 0-1
msgN	identification number given to the message (xml document) by its issuer. In case of more despatches of the same business document, it changes. - base type: string, max length: 35, (XPath TEXCollection/TNheader/msgN) 1-1
note	free text or structured (computer processing) note. For note structuring use t he attributes "noteLabel" and "codelist" - base type: string, max length: 350, (XPath TEXCollection/TNheader/note) 0-99
@noteLabel	subject qualifier of a note - base type: string, max length: 35, (XPath TEXCollection/TNheader/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note*
@numberingOrg	code specifying the organisation who has created or owns the coding or nu mbering system - base type: string, cod. table: NT6 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml* (XPath TEXCollection/TNheader/season/@numberingOrg) [Optional] (XPath TEXCollection/TNbody/TNitem/season/@numberingOrg) [Optional] (XPath TEXCollection/TNheader/supplier/id/@numberingOrg) [Optional] (XPath TEXCollection/TNbody/TNitem/texCode/added/@numberingOrg) [Optional] (XPath TEXCollection/TNheader/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Clie nt, Supplier, ..)* (XPath TEXCollection/TNheader/buyer/additionalIdentifier/@numberingOrg) [Option al] - nota: *here the issuer of the identifier must be specified* (XPath TEXCollection/TNheader/buyer/id/@numberingOrg) [Optional] (XPath TEXCollection/TNbody/TNitem/texCode/pattern/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath TEXCollection/TNbody/TNitem/texCode/@numberingOrg) [Optional] (XPath TEXCollection/TNheader/refDoc/attachment/fileName/@numberingOrg) [Opti onal] (XPath TEXCollection/TNbody/TNitem/texCode/art/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath TEXCollection/TNheader/note/@numberingOrg) [Optional] (XPath TEXCollection/TNbody/TNitem/texCode/color/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath TEXCollection/TNheader/refDoc/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Clie nt, Supplier, ..)* (XPath TEXCollection/TNheader/refDoc/season/@numberingOrg) [Optional] (XPath TEXCollection/TNheader/supplier/additionalIdentifier/@numberingOrg) [Opti onal]

	- nota: *here the issuer of the identifier must be specified* (XPath TEXCollection/TNheader/thirdParty/id/@numberingOrg) [Optional]
pattern	pattern/design number of the product, when not included in the article code - base type: string, max length: 15, (XPath TEXCollection/TNbody/TNitem/texCode/pattern) 0-1
percCompos	fiber rate in the product composition - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, (XPath TEXCollection/TNbody/TNitem/fabricCompos/percCompos) 1-9
person	name of the contact person within a Party - base type: string, max length: 40, (XPath TEXCollection/TNheader/supplier/person) 0-1 (XPath TEXCollection/TNheader/thirdParty/person) 0-1 (XPath TEXCollection/TNheader/buyer/person) 0-1
@phone	phone number of the contact person within a Party - base type: string, max length: 35, (XPath TEXCollection/TNheader/supplier/person/@phone) [Optional] (XPath TEXCollection/TNheader/buyer/person/@phone) [Optional] (XPath TEXCollection/TNheader/thirdParty/person/@phone) [Optional]
postCode	code defining the postal zone - base type: string, max length: 10, (XPath TEXCollection/TNheader/buyer/postCode) 0-1 (XPath TEXCollection/TNheader/supplier/postCode) 0-1 (XPath TEXCollection/TNheader/thirdParty/postCode) 0-1
qty	net quantity of the article or object correlated, qualified by the function of the document (ordering, delivering, ..) and by the context - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXCollection/TNbody/TNitem/qty) 0-2 **AAAA-WARNING! - text not AVAILABLE n. 245 - In=en** - note: ***here is always an estimated quantity; only the order will report a reliable value***
@role	Third Party role qualifier - base type: string, cod. table: NT2 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml* (XPath TEXCollection/TNheader/thirdParty/@role) [Required]
season	sale season; defined as: season (1 crt) + year (4 crt) - season: S/S=1 A/W=2 Spring=3 Summer=4 Autumn=5 Winter=6: for more than four seasons use alphabetic sequence: 1st season=A 2nd season=B etc.etc. - base type: string, max length: 15, (XPath TEXCollection/TNheader/refDoc/season) 0-1 - note: *here indicates the season to which the referenced document belongs* (XPath TEXCollection/TNbody/TNitem/season) 0-1 (XPath TEXCollection/TNheader/season) 0-1
@sender	qualifier that specifies the Party issuing of the document - base type: boolean, (XPath TEXCollection/TNheader/supplier/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be used* (XPath TEXCollection/TNheader/buyer/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be used* (XPath TEXCollection/TNheader/thirdParty/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be used*
street	street and building number identifying a location - base type: string, max length: 80, (XPath TEXCollection/TNheader/supplier/street) 0-1 (XPath TEXCollection/TNheader/thirdParty/street) 0-1 (XPath TEXCollection/TNheader/buyer/street) 0-1
subCountry	short name or code of the sub-country entity - base type: string, max length: 9,

	(XPath TEXCollection/TNheader/buyer/subCountry) 0-1 (XPath TEXCollection/TNheader/thirdParty/subCountry) 0-1 (XPath TEXCollection/TNheader/supplier/subCountry) 0-1
subDept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath TEXCollection/TNheader/thirdParty/subDept) 0-1 (XPath TEXCollection/TNheader/supplier/subDept) 0-1 (XPath TEXCollection/TNheader/buyer/subDept) 0-1
@techSheet	specifies if the" technical characteristics of fabric" document must provided - base type: boolean, (XPath TEXCollection/TNbody/TNitem/@techSheet) [Optional]
@TNtype	type of Textiles Collection Forecast - base type: string, cod. table: NT17 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT17.xml* (XPath TEXCollection/@TNtype) [Required]
@uid	unique element identifier within the xml document - base type: string, (XPath TEXCollection/TNheader/refDoc/attachment/@uid) [Optional]
@um	specification of the unit of measure - base type: string, cod. table: NT7 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml* (XPath TEXCollection/TNbody/TNitem/qty/@um) [Required] (XPath TEXCollection/TNbody/TNitem/fabricWidth/@um) [Optional] [Default= CMT] (XPath TEXCollection/TNbody/TNitem/fabricWeightM/@um) [Optional] [Default= GRM]
uri	Uniform Resource Identifier (URI) that identifies the external object as an Internet resource - base type: normalizedString, (XPath TEXCollection/TNheader/refDoc/attachment/ externalReference/uri) 1-1
@useProfile	use profile to which the present document if compliant if it was agreed by the parties. It is suggested a URI with reference to the firms or the URL of the profile. - base type: string, (XPath TEXCollection/@useProfile) [Optional]
@VAT	VAT rate or code (DEPRECATED, use dtScheme element) - base type: string, cod. table: NT16 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml* (XPath TEXCollection/TNbody/TNitem/lineN/@VAT) [Optional] - nota: *Deprecated, prefer dtScheme when available.* (XPath TEXCollection/TNheader/thirdParty/@VAT) [Optional]
@version	Dictionary version from which the instance has been created - base type: string, cod. table: NT100 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml* (XPath TEXCollection/@version) [Optional] [Default= draft]

2.3 Suggested best practices

TEXCollection/TNbody/TNitem/amount (total monetary value of the goods and services considered in the message line (usually net price x quantity))

it can be used as alternative to the indication of the quantity of product

TEXCollection/TNbody/TNitem/qty (net quantity of the article or object correlated, qualified by the function of the document (ordering, delivering, ..) and by the context)

this element can have two instances only if the units of measure are different

2.4 Enumeration tables

List of enumeration tables used in the XML document. You can find the corresponding codes at: http://www.ebiz-tcf.eu/moda-ml/imple/moda-ml-draft.asp?lingua=en&pag=6

NT100 - eBIZ TCFUpstream version
NT16 - VAT rate or code
NT17 - textiles collection status
NT18 - message function
NT2 - third party qualifier
NT29 - format of a date
NT6 - coding system owner/issuer
NT7 - unit of measure
T10 - ISO3166 - Country
T19 - fibre type
T21 - type of document
T44 - additional code type
T9 - ISO4217 - Currency

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DISCLAIMER

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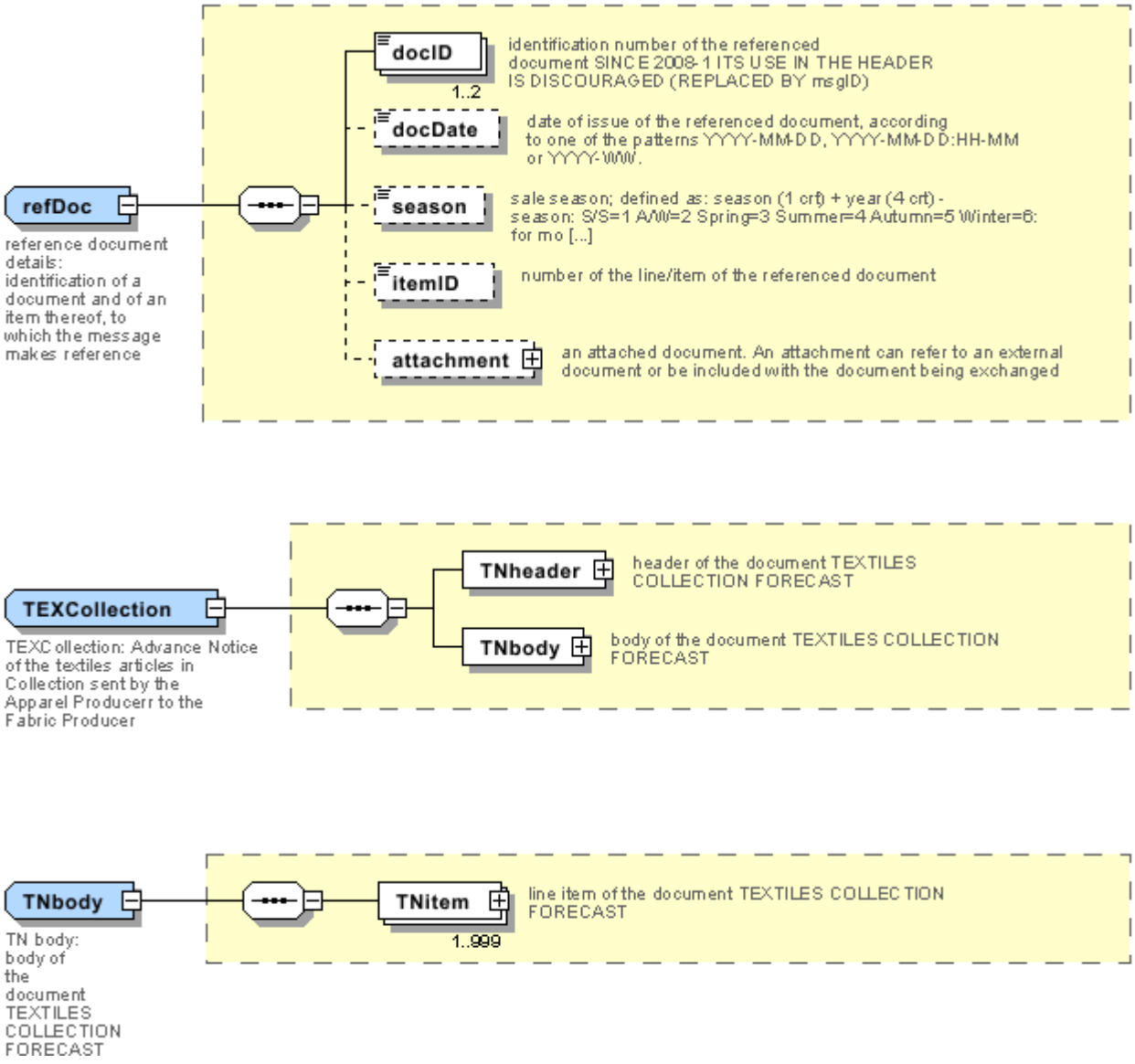
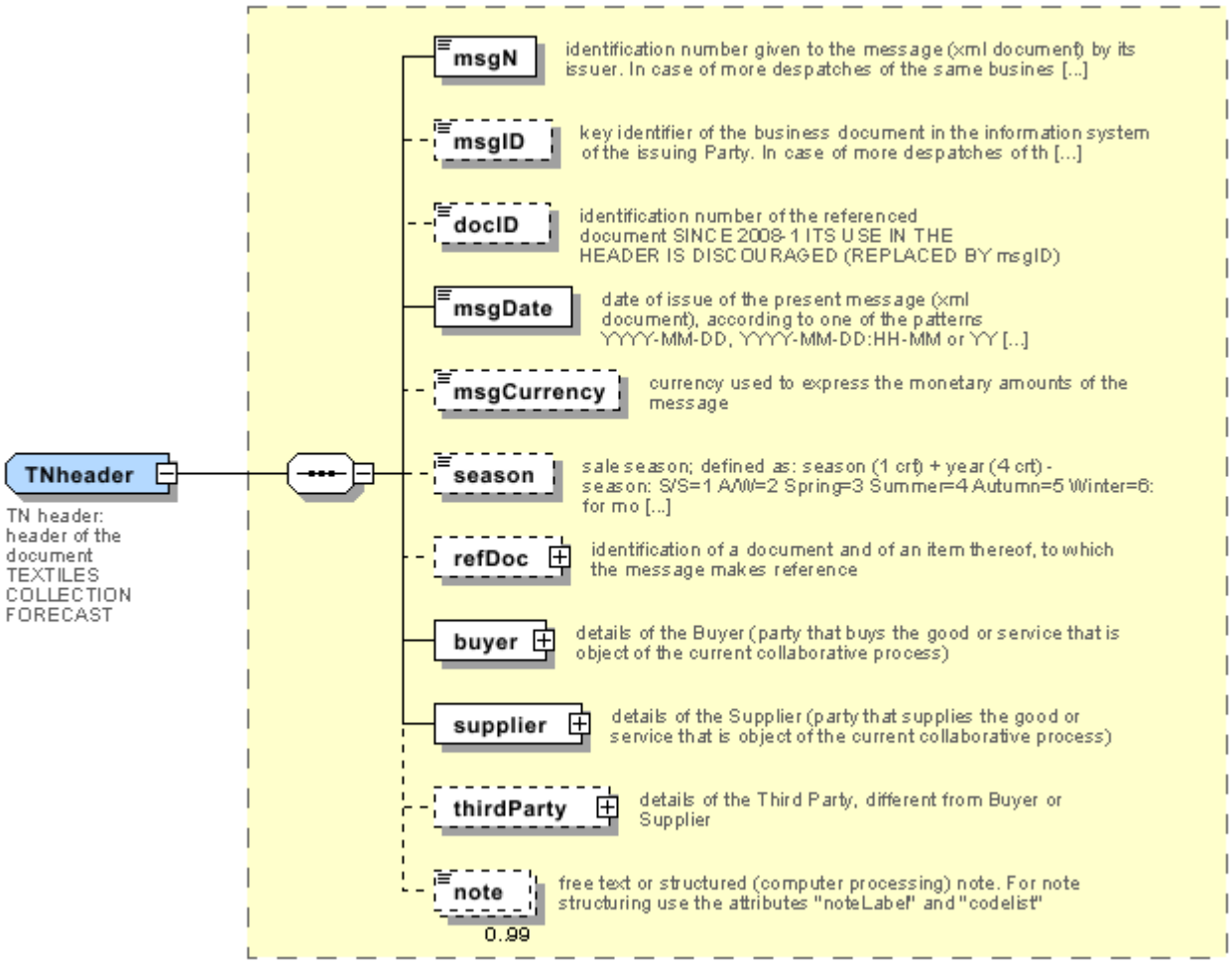
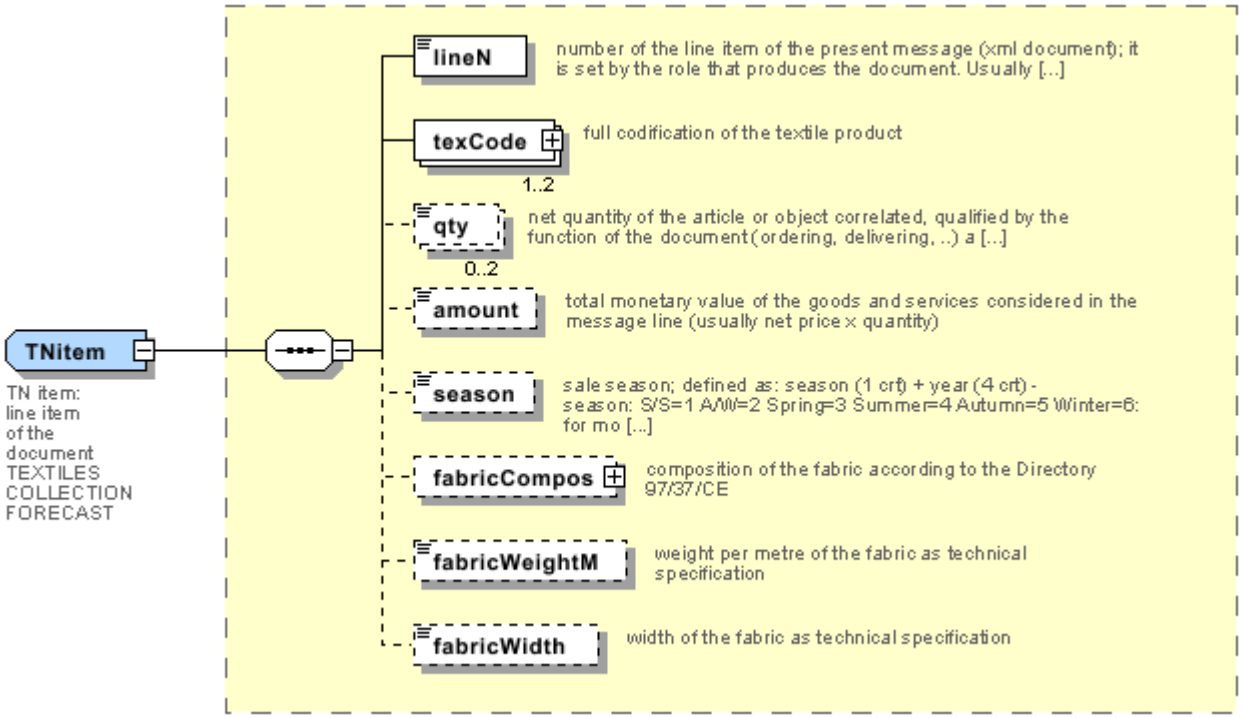
Annex A

Representative images of the principal complex elements' structure.




TNheader
TN header: header of the document TEXTILES COLLECTION FORECAST
msgN
identification number given to the message (xml document) by its issuer. In case of more despatches of the same busines [...]
msgID
key identifier of the business document in the information system of the issuing Party. In case of more despatches of th [...]
docID
identification number of the referenced document SINCE 2008-1 ITS USE IN THE HEADER IS DISCOURAGED (REPLACED BY msgID)
msgDate
date of issue of the present message (xml document), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YY [...]
msgCurrency
currency used to express the monetary amounts of the message
season
sale season; defined as: season (1 crt) + year (4 crt) - season: S/S=1 A/W=2 Spring=3 Summer=4 Autumn=5 Winter=6: for mo [...]
refDoc
identification of a document and of an item thereof, to which the message makes reference
buyer
details of the Buyer (party that buys the good or service that is object of the current collaborative process)
supplier
details of the Supplier (party that supplies the good or service that is object of the current collaborative process)
thirdParty
details of the Third Party, different from Buyer or Supplier
note
0..99
free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist"


TNitem
TN item: line item of the document TEXTILES COLLECTION FORECAST
lineN
number of the line item of the present message (xml document); it is set by the role that produces the document. Usually [...]
texCode
1..2
full codification of the textile product
qty
0..2
net quantity of the article or object correlated, qualified by the function of the document (ordering, delivering, ..) a [...]
amount
total monetary value of the goods and services considered in the message line (usually net price x quantity)
season
sale season; defined as: season (1 crt) + year (4 crt) - season: S/S=1 A/W=2 Spring=3 Summer=4 Autumn=5 Winter=6: for mo [...]
fabricCompos
composition of the fabric according to the Directory 97/37/CE
fabricWeightM
weight per metre of the fabric as technical specification
fabricWidth
width of the fabric as technical specification

Annex B

NT100 - eBIZ TCFUpstream version

dictionary version

Agency name: eBIZ

tabella cod.: NT100
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml*

Code	Description	Adoption note	Date of insertion
2013-1	v2013-1		01/07/2013
2018-1	v2018-1		04/11/2018
draft	draft		08/09/2017

NT16 - VAT rate or code

VAT rate or code (DEPRECATED, use dtScheme element)

tabella cod.: NT16
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml*

NT17 - textiles collection status

type of Textiles Collection Forecast

Agency name: eBIZ

tabella cod.: NT17
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT17.xml*

Code	Description	Adoption note	Date of insertion
DEF	definitive		
PRO	provisional		

NT18 - message function

function performed by the present message with regards to the transmission

Agency name: eBIZ

tabella cod.: NT18
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml*

Code	Description	Adoption note	Date of insertion
CA	delete this document		01/07/2013
CP	copy		
OR	original		
RC	re-transmission for data correction		
RT	re-transmission		

NT2 - third party qualifier

Third Party role qualifier

Agency name: eBIZ

tabella cod.: NT2
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml*

Code	Description	Adoption note	Date of insertion
AG	Sales Agent		
CO	Quality Controller		
DC	Response to		
DF	Invoicee		
DI	Copy to (CC)		28/10/2014
DM	Consignee		
DP	Consignment address (Delivery Party)		
IM	Importer		
OR	Originator		10/09/2014
SP	Forwarder		
TX	Tax Representative		

NT29 - format of a date

format used for the date

Agency name: eBIZ

tabella cod.: NT29
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml*

Code	Description	Adoption note	Date of insertion

D	YYYY-MM-DD		
M	YYYY-MM-DD:HH-MM		
W	YYYY-WW		

NT6 - coding system owner/issuer

code specifying the organisation who has created or owns the coding or numbering system

Agency name: eBIZ

tabella cod.: NT6
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml*

Code	Description	Adoption note	Date of insertion
CL	Customer/buyer		
CO	Quality Controller		
EN	GS1 (ex-EAN International)		
ES	e-Stockflow		
FO	Supplier		
GS	GS1		01/07/2013
MF	VAT identifier		
ML	Moda-ML		
SP	Service Provider		

NT7 - unit of measure

specification of the unit of measure, it is a sub set of table Unit of Measure Code - UN/ECE REC 20 delivered by United Nations Economic Commission for Europe (UN/ECE)

Agency name: eBIZ / UN/ECE

tabella cod.: NT7
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml*
Other link: http://docs.oasis-open.org/ubl/os-UBL-2.1/cl/gc/default/UnitOfMeasureCode-2.1.gc#

Code	Description	Adoption note	Date of insertion
CMK	square centimetre		20/12/2017
CMQ	cubic centimetre		20/12/2017
CMT	centimetre		
CNE	centiNewton		
CO2TON	ton of CO2		10/09/2014

COUPLES	couples		
DMQ	cubic decimetre		
E37	pixel		11/04/2018
GRM	gram		
HUR	hour		
INH	inch		
KGM	kilogram		
KMT	kilometer		
KWH	kilowatthours		10/09/2014
LBR	pound		
MIN	minute		
MMK	centimetre		20/12/2017
MMK	square millimetre		20/12/2017
MTK	square metre		20/12/2017
MTQ	cubic metre		
MTR	metre		
NMB	numero		
ONZ	ounce		
P1	percent		
PPM	parts per milion		
PZ	piece		
RPM	rounds per metre		
YRD	yard		

T10 - ISO3166 - Country

code of the nation

Agency name: ISO

tabella cod.: T10
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml*

Table not printed: there are 239 elements, more than the maximum specified for printing: 99.

T19 - fibre type

type of fibre used in a textile product

Agency name: eBIZ

tabella cod.: T19
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T19.xml*

Code	Description	Adoption note	Date of insertion
AB	abaca		20/08/2018
AC	acetate		
AF	other fibres		
AG	alginic fibre		
AL	alfa		20/08/2018
CA	hemp		
CC	coir (coconut)		20/08/2018
CL	chlorofibre		
CO	cotton		
CU	cuprous		
EA	elastan		
EL	Elastodiene		20/08/2018
FL	fluorofibre		
GI	broom		20/08/2018
GL	textile glass		
HA	hair		20/08/2018
HE	henequen		20/08/2018
HL	mixed linen		
HL	cotton linen union		20/08/2018
JU	jute		
KE	kenaf		20/08/2018
KP	kapoc		20/08/2018
LI	linen		
LY	lyocell		20/08/2018
MA	modacrylic		
MD	modal		
ME	metallized		
MG	maguey		20/08/2018
PA	polyamide		
PB	polyureic		

PC	acrylic		
PE	polyethylene		
PI	paper		20/08/2018
PL	polyester		
PM	polyimide		
PP	polypropylene		
PR	proteic		
PU	polyurethane		
RA	mamie		20/08/2018
SE	silk		
SI	sisal		20/08/2018
SN	sun		20/08/2018
TA	triacetate		
TR	textile residues or unspecifled composition		20/08/2018
TV	trivinyl		
VI	viscose		
VY	vinylal		
WA	angora		
WB	beaver		20/08/2018
WC	cashgora		
WG	vicuna		
WK	camel		
WL	llama		
WM	mohair		
WN	lapin		20/08/2018
WO	wool		
WP	alpaca		
WS	cashmere		
WT	Oteer		20/08/2018
WU	guanaco		
WV	virgin wool		
WY	yack		

T21 - type of document

type or class to which the referenced document belongs

Agency name: eBIZ

tabella cod.: T21
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml*

Code	Description	Adoption note	Date of insertion
BOR	blanket order		01/02/2018
CAT	Price catalogue - tech sheet		
CEO	Certificate of origin		13/04/2018
CER	Certificate		13/04/2018
COC	colour card		
CRN	Credit note		08/09/2017
CTO	Checking order		01/07/2013
CTR	Contract		
CXF	CxF3 file		01/07/2013
DAD	Darn order		
DDT	ddt		
DEA	Despatch advise		
DER	Despatch request		
DR	Document Request		02/12/2014
FOR	Forecast		02/12/2014
GSO	Garment stock offer		
GSX	Garment stock offer change		
INV	Invoice		
KCC	Knitting-Clothing Commission Order		02/12/2014
KCI	Garment in Work Inventory Report		02/12/2014
M2M	Made to Measure Production Order		02/12/2014
MAS	Master marker		
MCI	Visual merchandising instruction		13/04/2018
OCH	Order change		
OFF	Offer		
ORD	Purchase order		
ORP	Order response		
OSR	order status request		
OSS	Offer status		02/12/2014

OST	Order status		
OUR	our reference		
QR	Quality Report		02/12/2014
RAI	Raw Material in Work Inventory Report		02/12/2014
RDC	Raw dyeing commission order		
RDH	Raw dyeing order change		
RDR	Raw dyeing order response		
REA	Receiving advise		
REQ	Request for Offer		
RET	Return		02/12/2014
RSC	Spinning commission order		
RSH	Spinning order change		
RSR	Spinning order response		
SCL	process sheet		
TFC	Textile dyeing-finishing commission order		
TFX	Textile Dyeing-Finishing Order Change		02/12/2014
TPC	Textile printing commission order		
TPX	Textile Printing Order Change		02/12/2014
TWI	Textile in work inventory		
VMI	visual merchandising instructions		01/02/2018
WAC	Warping commission order		
WEC	Weaving commission order		
YDC	Yarn dyeing commission order		
YDH	Yarn dyeing order change		
YDR	Yarn dyeing order response		
YTC	Twisting commission order		
YWI	Yarn in work inventory		

T44 - additional code type

qualifier of the additional coding of a product

Agency name: eBIZ

tabella cod.: T44
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T44.xml*

Code	Description	Adoption note	Date of insertion

CC	colour card		
CL	sales collection		
CO	company identification code		08/09/2017
DY	dye number		
LT	lot number		
MDI	Made in		08/09/2017
MS	manufacturing state		
PKG	packaging		09/09/2014
PL	product line		
RGB	RGB value		
SE	selvedge code		

T9 - ISO4217 - Currency

currency code

Agency name: ISO

tabella cod.: T9
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T9.xml*

Table not printed: there are 205 elements, more than the maximum specified for printing: 99.