



MODA - ML

([www.moda-ml.org](http://www.moda-ml.org))

IMPLEMENTATION GUIDE  
TRANSACTION "TEXTILES PURCHASE ORDER"

Process: Fabric supply  
Activity: Purchase of fabrics

Version: v2003-1

Date of release: 31/12/2002

Document code: OF51-001

XML Schema repository: <http://www.moda-ml.net/moda-ml/repository/schema/v2003-1/default.asp>

Guides repository: <http://www.moda-ml.org/moda-ml/repository/guide/v2003-1/EN/default.asp>

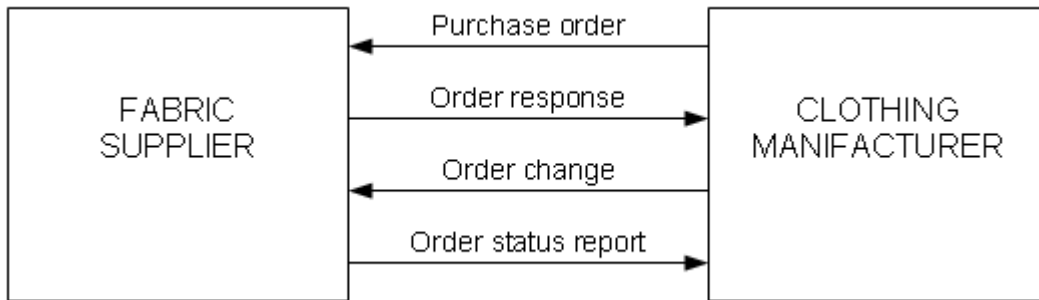
Guide filename: OF51-001-MODA-ML-TextilesPurchaseOrder.pdf

# 1. Scope

The present guide has been issued by MODA-ML (an IST-2000 EUTIST-AMI Project) to assist the companies of the Textile-Clothing sector in the implementation of the standard XML document type "TEXTILES PURCHASE ORDER", providing all the instruction required for its use in any context of e-commerce between Apparel Manufactures and Fabric Suppliers.

The XML document class here described can be used to support the transaction "textiles purchase order" in the activity "Purchase of fabric" of the process "Fabric supply".

All the rules required for the construction and validation of the document are embedded into the specific XML-Schema, which is detailed in section 3.



## 2. 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 occurrences); 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 by MODA-ML 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

#### **TEXOrder**

@Totype [*Required*]

@msgfunction [*Optional*] [*Default= OR*]

##### **TOheader 1-1**

msgN 1-1

msgDate 1-1

msgCurrency 0-1

otherCurrency 0-9

**refDoc 0-9**

**buyer 1-1**

**supplier 1-1**

**thirdParty 0-5**

note 0-5

##### **terms 0-1**

**payment 0-5**

**insPayment 0-5**

**trade 0-1**

##### **texComInfo 0-1**

@endUse [*Optional*] [*Default= PR*]

@IC [*Optional*]

@techSheet [*Optional*]

season 0-1

deliveryDate 0-1

specDate 0-1

fabricWidth 0-1

pieceLength 0-1

**piecePack 0-1**

##### **TObody 1-1**

**TOitem 1-9999**

##### **totals 0-1**

totQty 0-1

totAmount 1-1



### 3. Use of the document

#### 3.1 Generalities

The message is issued by the Apparel Manufacturer to purchase fabric articles.

Three types of order are possible:

- "standard", when the order is completely defined
- "blanket", when some of the data are left out for subsequent definition (eg. colour)
- "call off", when it defines and closes a "blanket order"

The "standard" and the "call off" order is an authorization to ship and invoice well defined fabric articles in well defined quantities, dates, locations and prices.

The "blanket" order provides the anticipation of some data to the supplier.

## 3.2 Detailed description of document elements

### **TEXOrder**

*@Totype [Required]*

*@msgfunction [Optional] [Default= OR]*

#### **THeader 1-1**

msgN 1-1

msgDate 1-1

msgCurrency 0-1

otherCurrency 0-9

*@currencyUseQualifier [Required]*

#### **refDoc 0-9**

*@docType [Required]*

docID 1-1

docDate 0-1

season 0-1

itemID 0-1

#### **buyer 1-1**

*@logo [Optional]*

id 1-1

*@numberingOrg [Optional]*

legalName 0-1

dept 0-1

person 0-1

*@email [Optional]*

street 0-1

city 0-1

subCountry 0-1

country 0-1

postCode 0-1

#### **supplier 1-1**

*@logo [Optional]*

id 1-1

*@numberingOrg [Optional]*

legalName 0-1

dept 0-1

person 0-1

*@email [Optional]*

street 0-1

city 0-1

subCountry 0-1

country 0-1

postCode 0-1

#### **thirdParty 0-5**

*@role [Required]*

id 1-1

*@numberingOrg [Optional]*

legalName 0-1

dept 0-1

person 0-1

*@email [Optional]*

street 0-1

city 0-1  
subCountry 0-1  
country 0-1  
postCode 0-1  
note 0-5

<b>TEXOrder</b>	
@TOtype [Required]	TO type code type of Order - base type: string, cod. table: NT1, (XPath: TEXOrder/@TOtype)
@msgfunction [Optional] [Default= OR]	message function function performed by the present message with regards to the transmission - base type: string, cod. table: NT18, (XPath: TEXOrder/@msgfunction)
<b>TOheader 1-1</b>	TO header header of the TEXTILE ORDER - - note: <i>the attribute "logo" should be used only in conjunction with Buyer</i> (XPath: TEXOrder/TOheader)
msgN 1-1	message identifier identification number given to the message by its issuer - base type: string, max length: 25, (XPath: TEXOrder/TOheader/msgN)
msgDate 1-1	message date date of issue of the present message (xml document) - base type: date, (XPath: TEXOrder/TOheader/msgDate)
msgCurrency 0-1	message currency code currency used to express the monetary amounts of the message - base type: string, cod. table: T9, (XPath: TEXOrder/TOheader/msgCurrency)
otherCurrency 0-9	other currency code other currency specified in the document - base type: string, cod. table: T9, (XPath: TEXOrder/TOheader/otherCurrency)
@currencyUseQualifier [Required]	currency use use of another currency specified in the document - base type: string, cod. table: NT19, (XPath: TEXOrder/TOheader/otherCurrency/@currencyUseQualifier)
<b>refDoc 0-9</b>	reference document details identification of a document and of an item thereof, to which the message makes reference - (XPath: TEXOrder/TOheader/refDoc)
@docType [Required]	document type code type or class to which the document belongs - base type: string, cod. table: T21, (XPath: TEXOrder/TOheader/refDoc/@docType)
docID 1-1	document identifier identification number given to the referenced document by its issuer

	- base type: string, max length: 25, (XPath: <a href="#">TEXOrder/TOheader/refDoc/docID</a> )
docDate 0-1	document date date of issue of the referenced document - base type: date, (XPath: <a href="#">TEXOrder/TOheader/refDoc/docDate</a> )
season 0-1	season identifier sale season; represented as a) season (Spring/Summer=1; Autumn/Winter=2) + b) year - base type: string, length: 5, (XPath: <a href="#">TEXOrder/TOheader/refDoc/season</a> )
itemID 0-1	item number number of the line/item of the referenced document - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath: <a href="#">TEXOrder/TOheader/refDoc/itemID</a> )
<b>buyer 1-1</b>	Buyer details of the Buyer - base type: Nad, (XPath: <a href="#">TEXOrder/TOheader/buyer</a> )
@logo [Optional]	party logo company logo (URL of the image jpeg or gif). It is recommended that the width of the image does not exceed 640 pixel. - base type: string, max length: 255, (XPath: <a href="#">TEXOrder/TOheader/buyer/@logo</a> )
id 1-1	Party identifier primary identification code of the Party - base type: string, max length: 15, (XPath: <a href="#">TEXOrder/TOheader/buyer/id</a> )
@numberingOrg [Optional]	numbering organisation code Party who has created or owns the coding or numbering system - base type: string, cod. table: NT6, (XPath: <a href="#">TEXOrder/TOheader/buyer/id/@numberingOrg</a> )
legalName 0-1	Legal name legal name of the Party - base type: string, max length: 80, (XPath: <a href="#">TEXOrder/TOheader/buyer/legalName</a> )
dept 0-1	department identifier name or code of the department within the Party - base type: string, max length: 40, (XPath: <a href="#">TEXOrder/TOheader/buyer/dept</a> )
person 0-1	contact person name name of the contact person within the Party - base type: string, max length: 40, (XPath: <a href="#">TEXOrder/TOheader/buyer/person</a> )
@email [Optional]	e-mail electronic mail address - base type: string, max length: 80, (XPath: <a href="#">TEXOrder/TOheader/buyer/person/@email</a> )
street 0-1	street and building identifier street and building number identifying the location of the Party - base type: string, max length: 80, (XPath: <a href="#">TEXOrder/TOheader/buyer/street</a> )



city 0-1	city name name of the city (town, village) where the Party is located - base type: string, max length: 40, (XPath: <a href="#">TEXOrder/TOheader/buyer/city</a> )
subCountry 0-1	sub-country code short name or code of the sub-country entity - base type: string, max length: 9, (XPath: <a href="#">TEXOrder/TOheader/buyer/subCountry</a> )
country 0-1	country code code of the nation where the Party is located - base type: string, cod. table: T10, (XPath: <a href="#">TEXOrder/TOheader/buyer/country</a> )
postCode 0-1	postal zone code code defining the postal zone - base type: string, max length: 10, (XPath: <a href="#">TEXOrder/TOheader/buyer/postCode</a> )
<b>supplier 1-1</b>	Supplier details of the Supplier - base type: Nad, (XPath: <a href="#">TEXOrder/TOheader/supplier</a> )
@logo [Optional]	party logo company logo (URL of the image jpeg or gif). It is recommended that the width of the image does not exceed 640 pixel. - base type: string, max length: 255, (XPath: <a href="#">TEXOrder/TOheader/supplier/@logo</a> )
id 1-1	Party identifier primary identification code of the Party - base type: string, max length: 15, (XPath: <a href="#">TEXOrder/TOheader/supplier/id</a> )
@numberingOrg [Optional]	numbering organisation code Party who has created or owns the coding or numbering system - base type: string, cod. table: NT6, (XPath: <a href="#">TEXOrder/TOheader/supplier/id/@numberingOrg</a> )
legalName 0-1	Legal name legal name of the Party - base type: string, max length: 80, (XPath: <a href="#">TEXOrder/TOheader/supplier/legalName</a> )
dept 0-1	department identifier name or code of the department within the Party - base type: string, max length: 40, (XPath: <a href="#">TEXOrder/TOheader/supplier/dept</a> )
person 0-1	contact person name name of the contact person within the Party - base type: string, max length: 40, (XPath: <a href="#">TEXOrder/TOheader/supplier/person</a> )
@email [Optional]	e-mail electronic mail address - base type: string, max length: 80, (XPath: <a href="#">TEXOrder/TOheader/supplier/person/@email</a> )
street 0-1	street and building identifier street and building number identifying the location of the Party - base type: string, max length: 80,

	(XPath: <a href="#">TEXOrder/TOheader/supplier/street</a> )
city 0-1	city name name of the city (town, village) where the Party is located - base type: string, max length: 40, (XPath: <a href="#">TEXOrder/TOheader/supplier/city</a> )
subCountry 0-1	sub-country code short name or code of the sub-country entity - base type: string, max length: 9, (XPath: <a href="#">TEXOrder/TOheader/supplier/subCountry</a> )
country 0-1	country code code of the nation where the Party is located - base type: string, cod. table: T10, (XPath: <a href="#">TEXOrder/TOheader/supplier/country</a> )
postCode 0-1	postal zone code code defining the postal zone - base type: string, max length: 10, (XPath: <a href="#">TEXOrder/TOheader/supplier/postCode</a> )
<b>thirdParty 0-5</b>	Third Party details of the Third Party, different from Buyer or Supplier - base type: Nad, (XPath: <a href="#">TEXOrder/TOheader/thirdParty</a> )
<i>@role [Required]</i>	Party code Third Party qualifier - base type: string, cod. table: NT2, (XPath: <a href="#">TEXOrder/TOheader/thirdParty/@role</a> )
id 1-1	Party identifier primary identification code of the Party - base type: string, max length: 15, (XPath: <a href="#">TEXOrder/TOheader/thirdParty/id</a> )
<i>@numberingOrg [Optional]</i>	numbering organisation code Party who has created or owns the coding or numbering system - base type: string, cod. table: NT6, (XPath: <a href="#">TEXOrder/TOheader/thirdParty/id/@numberingOrg</a> )
legalName 0-1	Legal name legal name of the Party - base type: string, max length: 80, (XPath: <a href="#">TEXOrder/TOheader/thirdParty/legalName</a> )
dept 0-1	department identifier name or code of the department within the Party - base type: string, max length: 40, (XPath: <a href="#">TEXOrder/TOheader/thirdParty/dept</a> )
person 0-1	contact person name name of the contact person within the Party - base type: string, max length: 40, (XPath: <a href="#">TEXOrder/TOheader/thirdParty/person</a> )
<i>@email [Optional]</i>	e-mail electronic mail address - base type: string, max length: 80, (XPath: <a href="#">TEXOrder/TOheader/thirdParty/person/@email</a> )
street 0-1	street and building identifier street and building number identifying the location of the Party - base type: string, max length: 80,

	(XPath: <a href="#">TEXOrder/TOheader/thirdParty/street</a> )
city 0-1	city name name of the city (town, village) where the Party is located - base type: string, max length: 40, (XPath: <a href="#">TEXOrder/TOheader/thirdParty/city</a> )
subCountry 0-1	sub-country code short name or code of the sub-country entity - base type: string, max length: 9, (XPath: <a href="#">TEXOrder/TOheader/thirdParty/subCountry</a> )
country 0-1	country code code of the nation where the Party is located - base type: string, cod. table: T10, (XPath: <a href="#">TEXOrder/TOheader/thirdParty/country</a> )
postCode 0-1	postal zone code code defining the postal zone - base type: string, max length: 10, (XPath: <a href="#">TEXOrder/TOheader/thirdParty/postCode</a> )
note 0-5	free text free text note - base type: string, max length: 350, (XPath: <a href="#">TEXOrder/TOheader/note</a> )

**terms 0-1**

**payment 0-5**

@finDiscount [Optional]

- choose -

payTermText 1-1

- or -

payTerm 1-1

payMode 0-1

- end choose -

**insPayment 0-5**

@part [Required]

- choose -

payTermText 1-1

- or -

payTerm 1-1

payMode 0-1

- end choose -

**trade 0-1**

incoTerm 1-1

location 0-1

<b>terms 0-1</b>	Contractual conditions details of the conditions for payment and delivery - (XPath: <a href="#">TEXOrder/terms</a> )
<b>payment 0-5</b>	Payment details payment conditions for payment all in one - - note: <i>this set of data can be iterated to specify alternative terms of payment (e.g.: 60 days or 30 days with 3% discount)</i>

	(XPath: <a href="#">TEXOrder/terms/payment</a> )
<b>@finDiscount</b> [Optional]	early payment discount rate financial discount applied for payment by the time specified - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, (XPath: <a href="#">TEXOrder/terms/payment/@finDiscount</a> )
payTermText 1-1	terms of payment text free text specifying the terms by which the payment must be done (time/mode or means) - base type: string, max length: 40, (XPath: <a href="#">TEXOrder/terms/payment/payTermText</a> )
payTerm 1-1	terms of payment code code specifying the terms or time by which the payment must be done - base type: string, cod. table: T1, (XPath: <a href="#">TEXOrder/terms/payment/payTerm</a> )
payMode 0-1	mode of payment code way or means of payment - base type: string, cod. table: T2, (XPath: <a href="#">TEXOrder/terms/payment/payMode</a> )
<b>insPayment 0-5</b>	Instalments payment details payment conditions for payment by installments - - note: <i>this set of data is alternative to the preceding set and must be iterated for each payment installment</i> (XPath: <a href="#">TEXOrder/terms/insPayment</a> )
<b>@part</b> [Required]	quota percentuale percent fraction of a total qualified by the context - base type: positiveInteger, min inclusive: 1, max inclusive: 99, - nota: <i>here the % value of each installment must be indicated</i> (XPath: <a href="#">TEXOrder/terms/insPayment/@part</a> )
payTermText 1-1	terms of payment text free text specifying the terms by which the payment must be done (time/mode or means) - base type: string, max length: 40, (XPath: <a href="#">TEXOrder/terms/insPayment/payTermText</a> )
payTerm 1-1	terms of payment code code specifying the terms or time by which the payment must be done - base type: string, cod. table: T1, (XPath: <a href="#">TEXOrder/terms/insPayment/payTerm</a> )
payMode 0-1	mode of payment code way or means of payment - base type: string, cod. table: T2, (XPath: <a href="#">TEXOrder/terms/insPayment/payMode</a> )
<b>trade 0-1</b>	Trade details general terms of trade for the specified supply - (XPath: <a href="#">TEXOrder/terms/trade</a> )
incoTerm 1-1	terms of trade code specification of the terms of trade (INCOTERMS) - base type: string, cod. table: T3, (XPath: <a href="#">TEXOrder/terms/trade/incoTerm</a> )
location 0-1	location name specification of a location - base type: string, max length: 40, - note: <i>place to which the INCOTERM</i>

	<i>applies</i> (XPath: <a href="#">TEXOrder/terms/trade/location</a> )
--	---

**texComInfo 0-1**

@endUse [Optional] [Default= PR]

@IC [Optional]

@techSheet [Optional]

season 0-1

deliveryDate 0-1

specDate 0-1

fabricWidth 0-1

@um [Optional] [Default= CMT]

pieceLength 0-1

@um [Optional] [Default= MTR]

**piecePack 0-1**

- choose -

piecePackText 1-1

- or -

pieceInnWrap1 1-1

pieceInnWrap2 0-1

pieceOutWrap 0-1

- end choose -

<b>texComInfo 0-1</b>	Fabric commercial informations miscellaneous trade informations, that can be specified in a textile Order, referred either to the whole document or to the single item - - note: <i>here must be specified those valid for the whole document</i> (XPath: <a href="#">TEXOrder/texComInfo</a> )
@endUse [Optional] [Default= PR]	end use code specifies the final use of the material - base type: string, cod. table: NT4, (XPath: <a href="#">TEXOrder/texComInfo/@endUse</a> )
@IC [Optional]	illustrated confirmation indicator specifies if the "illustrated confirmation" is needed - base type: boolean, (XPath: <a href="#">TEXOrder/texComInfo/@IC</a> )
@techSheet [Optional]	technical sheet indicator specifies if the "technical characteristics of fabric" document must provided - base type: boolean, (XPath: <a href="#">TEXOrder/texComInfo/@techSheet</a> )
season 0-1	season identifier sale season; represented as a) season (Spring/Summer=1; Autumn/Winter=2) + b) year - base type: string, length: 5, (XPath: <a href="#">TEXOrder/texComInfo/season</a> )
deliveryDate 0-1	goods delivery date date of delivery of goods - base type: date, (XPath: <a href="#">TEXOrder/texComInfo/deliveryDate</a> )
specDate 0-1	product specification date

	<p>date by which the referenced blanket order must receive full product specifications (e.g.: colour)</p> <p>- base type: date, (XPath: <a href="#">TEXOrder/texComInfo/specDate</a>)</p>
fabricWidth 0-1	<p>fabric width measure</p> <p>width of the fabric as technical specification</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: <a href="#">TEXOrder/texComInfo/fabricWidth</a>)</p>
@um [Optional] [Default= CMT]	<p>unit of measure code</p> <p>specification of the unit of measure</p> <p>- base type: string, cod. table: NT7, (XPath: <a href="#">TEXOrder/texComInfo/fabricWidth/@um</a>)</p>
pieceLength 0-1	<p>piece length measure</p> <p>length of the piece</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: <a href="#">TEXOrder/texComInfo/pieceLength</a>)</p>
@um [Optional] [Default= MTR]	<p>unit of measure code</p> <p>specification of the unit of measure</p> <p>- base type: string, cod. table: NT7, (XPath: <a href="#">TEXOrder/texComInfo/pieceLength/@um</a>)</p>
<b>piecePack 0-1</b>	<p>Fabric piece packing details</p> <p>type of wrapping or packing of the fabric pieces</p> <p>- (XPath: <a href="#">TEXOrder/texComInfo/piecePack</a>)</p>
piecePackText 1-1	<p>fabric piece packing text</p> <p>free text specifying the type of wrapping or packing used for the fabric piece</p> <p>- base type: string, max length: 40, (XPath: <a href="#">TEXOrder/texComInfo/piecePack/piecePackText</a>)</p>
pieceInnWrap1 1-1	<p>fabric piece inner packing 1 code</p> <p>code specifying the type of inner wrapping/packing used for the fabric piece</p> <p>- base type: string, cod. table: T4, (XPath: <a href="#">TEXOrder/texComInfo/piecePack/pieceInnWrap1</a>)</p>
pieceInnWrap2 0-1	<p>fabric piece inner packing 2, code</p> <p>code sub-specifying the type of inner wrapping/packing used for the fabric piece</p> <p>- base type: string, cod. table: T5, (XPath: <a href="#">TEXOrder/texComInfo/piecePack/pieceInnWrap2</a>)</p>
pieceOutWrap 0-1	<p>fabric piece outer packing, code</p> <p>code specifying the type of outer wrapping or packing used for the fabric piece</p> <p>- base type: string, cod. table: T6, (XPath: <a href="#">TEXOrder/texComInfo/piecePack/pieceOutWrap</a>)</p>

## **TObody 1-1**

### **TOitem 1-9999**

lineN 1-1

**refDoc 0-1**

@docType [Required]

docID 1-1

docDate 0-1  
season 0-1  
itemID 0-1  
**texCode 1-2**  
*@numberingOrg [Required]*  
art 1-1  
pattern 0-1  
color 0-1  
added 0-1  
**selvedge 0-1**  
selvedgeText 1-1  
selvedgeColor 0-1  
**fabricTreat 0-1**  
surfaceTreatment 0-1  
finishCycle 0-1  
oneLot 0-1  
metricMark 0-1  
qty 1-2  
*@um [Required]*  
price 0-1  
*@um [Optional]*  
*@priceQualifier [Optional] [Default= NET]*  
comDiscount 0-1  
**thirdParty 0-1**  
*@role [Required]*  
id 1-1  
*@numberingOrg [Optional]*  
legalName 0-1  
dept 0-1  
person 0-1  
*@email [Optional]*  
street 0-1  
city 0-1  
subCountry 0-1  
country 0-1  
postCode 0-1  
**texComInfo 0-1**  
*@endUse [Optional] [Default= PR]*  
*@IC [Optional]*  
*@techSheet [Optional]*  
season 0-1  
deliveryDate 0-1  
specDate 0-1  
fabricWidth 0-1  
*@um [Optional] [Default= CMT]*  
pieceLength 0-1  
*@um [Optional] [Default= MTR]*  
**piecePack 0-1**  
- choose -  
piecePackText 1-1  
- or -  
pieceInnWrap1 1-1

pieceInnWrap2 0-1  
 pieceOutWrap 0-1  
 - end choose -

note 0-1

<b>TObody 1-1</b>	TO body body of the document Textiles Order - (XPath: TEXOrder/TObody)
<b>TOitem 1-9999</b>	TO item line of the message TEXTILE ORDER - (XPath: TEXOrder/TObody/TOitem)
lineN 1-1	line number number of the line item of the present message - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath: TEXOrder/TObody/TOitem/lineN)
<b>refDoc 0-1</b>	reference document details identification of a document and of an item thereof, to which the message makes reference - (XPath: TEXOrder/TObody/TOitem/refDoc)
@docType [Required]	document type code type or class to which the document belongs - base type: string, cod. table: T21, (XPath: TEXOrder/TObody/TOitem/refDoc/@docType)
docID 1-1	document identifier identification number given to the referenced document by its issuer - base type: string, max length: 25, (XPath: TEXOrder/TObody/TOitem/refDoc/docID)
docDate 0-1	document date date of issue of the referenced document - base type: date, (XPath: TEXOrder/TObody/TOitem/refDoc/docDate)
season 0-1	season identifier sale season; represented as a) season (Spring/Summer=1; Autumn/Winter=2) + b) year - base type: string, length: 5, (XPath: TEXOrder/TObody/TOitem/refDoc/season)
itemID 0-1	item number number of the line/item of the referenced document - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath: TEXOrder/TObody/TOitem/refDoc/itemID)
<b>texCode 1-2</b>	Textiles product code full codification of the textile product - (XPath: TEXOrder/TObody/TOitem/texCode)
@numberingOrg [Required]	numbering organisation code Party who has created or owns the coding or numbering system - base type: string, cod. table: NT6, (XPath: TEXOrder/TObody/TOitem/texCode/@numberingOrg)
art 1-1	article identifier



	<p>article number of the product</p> <p>- base type: string, max length: 25, - note: <i>can be used either for the base-article (excluding pattern/colour) or for the SKU</i></p> <p>(XPath: <a href="#">TEXOrder/TObody/TOitem/texCode/art</a>)</p>
pattern 0-1	<p>article's pattern identifier</p> <p>pattern/design number of the product, when not included in the article code</p> <p>- base type: string, max length: 15,</p> <p>(XPath: <a href="#">TEXOrder/TObody/TOitem/texCode/pattern</a>)</p>
color 0-1	<p>article's colour identifier</p> <p>colour number of the product, when not included in the article code</p> <p>- base type: string, max length: 15,</p> <p>(XPath: <a href="#">TEXOrder/TObody/TOitem/texCode/color</a>)</p>
added 0-1	<p>article's additional identifier</p> <p>additional code of the product (complementing the formers)</p> <p>- base type: string, max length: 15,</p> <p>(XPath: <a href="#">TEXOrder/TObody/TOitem/texCode/added</a>)</p>
<b>selvedge 0-1</b>	<p>Selvedge details</p> <p>text and colour presented on the selvedge</p> <p>-</p> <p>(XPath: <a href="#">TEXOrder/TObody/TOitem/selvedge</a>)</p>
selvedgeText 1-1	<p>selvedge writing text</p> <p>text to be written on the selvedge</p> <p>- base type: string, max length: 300,</p> <p>(XPath: <a href="#">TEXOrder/TObody/TOitem/selvedge/selvedgeText</a>)</p>
selvedgeColor 0-1	<p>selvedge writing colour name</p> <p>colour of the text displayed on the selvedge</p> <p>- base type: string, max length: 15,</p> <p>(XPath: <a href="#">TEXOrder/TObody/TOitem/selvedge/selvedgeColor</a>)</p>
<b>fabricTreat 0-1</b>	<p>Fabric treatments details</p> <p>informations on the treatments and finishing of fabric</p> <p>-</p> <p>(XPath: <a href="#">TEXOrder/TObody/TOitem/fabricTreat</a>)</p>
surfaceTreatment 0-1	<p>fabric surface treatment name</p> <p>surface treatment applied to the fabric, as end result</p> <p>- base type: string, max length: 40,</p> <p>(XPath: <a href="#">TEXOrder/TObody/TOitem/fabricTreat/surfaceTreatment</a>)</p>
finishCycle 0-1	<p>fabric finishing name</p> <p>process of finishing applied to the fabric</p> <p>- base type: string, max length: 40,</p> <p>(XPath: <a href="#">TEXOrder/TObody/TOitem/fabricTreat/finishCycle</a>)</p>
oneLot 0-1	<p>unique lot indicator</p> <p>specifies if the order line must be supplied with one production lot</p> <p>- base type: boolean,</p> <p>(XPath: <a href="#">TEXOrder/TObody/TOitem/fabricTreat/oneLot</a>)</p>
metricMark 0-1	<p>fabric metrical mark indicator</p> <p>specifies if the fabric piece must have the matric marks</p> <p>- base type: boolean,</p> <p>(XPath: <a href="#">TEXOrder/TObody/TOitem/fabricTreat/metricMark</a>)</p>
qty 1-2	<p>item quantity</p> <p>net quantity of the article or object specified in the message line, qualified by the function of the document (ordering, delivering, ..)</p>

	- base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: <a href="#">TEXOrder/TObody/TOitem/qty</a> )
@um [Required]	unit of measure code specification of the unit of measure - base type: string, cod. table: NT7, (XPath: <a href="#">TEXOrder/TObody/TOitem/qty/@um</a> )
price 0-1	unit price amount unit price of the article or object specified - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: <a href="#">TEXOrder/TObody/TOitem/price</a> )
@um [Optional]	unit of measure code specification of the unit of measure - base type: string, cod. table: NT7, (XPath: <a href="#">TEXOrder/TObody/TOitem/price/@um</a> )
@priceQualifier [Optional] [Default= NET]	unit price type type of price with reference to discount and taxes - base type: string, cod. table: NT20, (XPath: <a href="#">TEXOrder/TObody/TOitem/price/@priceQualifier</a> )
comDiscount 0-1	commercial discount rate percent discount applied to the related unit price or amount - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, (XPath: <a href="#">TEXOrder/TObody/TOitem/comDiscount</a> )
<b>thirdParty 0-1</b>	Third Party details of the Third Party, different from Buyer or Supplier - base type: Nad, (XPath: <a href="#">TEXOrder/TObody/TOitem/thirdParty</a> )
@role [Required]	Party code Third Party qualifier - base type: string, cod. table: NT2, (XPath: <a href="#">TEXOrder/TObody/TOitem/thirdParty/@role</a> )
id 1-1	Party identifier primary identification code of the Party - base type: string, max length: 15, (XPath: <a href="#">TEXOrder/TObody/TOitem/thirdParty/id</a> )
@numberingOrg [Optional]	numbering organisation code Party who has created or owns the coding or numbering system - base type: string, cod. table: NT6, (XPath: <a href="#">TEXOrder/TObody/TOitem/thirdParty/id/@numberingOrg</a> )
legalName 0-1	Legal name legal name of the Party - base type: string, max length: 80, (XPath: <a href="#">TEXOrder/TObody/TOitem/thirdParty/legalName</a> )
dept 0-1	department identifier name or code of the department within the Party - base type: string, max length: 40, (XPath: <a href="#">TEXOrder/TObody/TOitem/thirdParty/dept</a> )
person 0-1	contact person name name of the contact person within the Party - base type: string, max length: 40, (XPath: <a href="#">TEXOrder/TObody/TOitem/thirdParty/person</a> )
@email [Optional]	e-mail

	<p>electronic mail address</p> <p>- base type: string, max length: 80, (XPath: <a href="#">TEXOrder/TObody/TOitem/thirdParty/person/@email</a>)</p>
street 0-1	<p>street and building identifier</p> <p>street and building number identifying the location of the Party</p> <p>- base type: string, max length: 80, (XPath: <a href="#">TEXOrder/TObody/TOitem/thirdParty/street</a>)</p>
city 0-1	<p>city name</p> <p>name of the city (town, village) where the Party is located</p> <p>- base type: string, max length: 40, (XPath: <a href="#">TEXOrder/TObody/TOitem/thirdParty/city</a>)</p>
subCountry 0-1	<p>sub-country code</p> <p>short name or code of the sub-country entity</p> <p>- base type: string, max length: 9, (XPath: <a href="#">TEXOrder/TObody/TOitem/thirdParty/subCountry</a>)</p>
country 0-1	<p>country code</p> <p>code of the nation where the Party is located</p> <p>- base type: string, cod. table: T10, (XPath: <a href="#">TEXOrder/TObody/TOitem/thirdParty/country</a>)</p>
postCode 0-1	<p>postal zone code</p> <p>code defining the postal zone</p> <p>- base type: string, max length: 10, (XPath: <a href="#">TEXOrder/TObody/TOitem/thirdParty/postCode</a>)</p>
<b>texComInfo 0-1</b>	<p>Fabric commercial informations</p> <p>miscellaneous trade informations, that can be specified in a textile Order, referred either to the whole document or to the single item</p> <p>- (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo</a>)</p>
<i>@endUse [Optional]</i> <i>[Default= PR]</i>	<p>end use code</p> <p>specifies the final use of the material</p> <p>- base type: string, cod. table: NT4, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/@endUse</a>)</p>
<i>@IC [Optional]</i>	<p>illustrated confirmation indicator</p> <p>specifies if the "illustrated confirmation" is needed</p> <p>- base type: boolean, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/@IC</a>)</p>
<i>@techSheet [Optional]</i>	<p>technical sheet indicator</p> <p>specifies if the " technical characteristics of fabric" document must provided</p> <p>- base type: boolean, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/@techSheet</a>)</p>
season 0-1	<p>season identifier</p> <p>sale season; represented as a) season (Spring/Summer=1; Autumn/Winter=2) + b) year</p> <p>- base type: string, length: 5, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/season</a>)</p>
deliveryDate 0-1	<p>goods delivery date</p> <p>date of delivery of goods</p> <p>- base type: date, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/deliveryDate</a>)</p>
specDate 0-1	<p>product specification date</p> <p>date by which the referenced blanket order must receive full product</p>

	<p>specifications (e.g.: colour)</p> <p>- base type: date, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/specDate</a>)</p>
fabricWidth 0-1	<p>fabric width measure</p> <p>width of the fabric as technical specification</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/fabricWidth</a>)</p>
@um [Optional] [Default= CMT]	<p>unit of measure code</p> <p>specification of the unit of measure</p> <p>- base type: string, cod. table: NT7, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/fabricWidth/@um</a>)</p>
pieceLength 0-1	<p>piece length measure</p> <p>length of the piece</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/pieceLength</a>)</p>
@um [Optional] [Default= MTR]	<p>unit of measure code</p> <p>specification of the unit of measure</p> <p>- base type: string, cod. table: NT7, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/pieceLength/@um</a>)</p>
<b>piecePack 0-1</b>	<p>Fabric piece packing details</p> <p>type of wrapping or packing of the fabric pieces</p> <p>- (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/piecePack</a>)</p>
piecePackText 1-1	<p>fabric piece packing text</p> <p>free text specifying the type of wrapping or packing used for the fabric piece</p> <p>- base type: string, max length: 40, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/piecePack/piecePackText</a>)</p>
pieceInnWrap1 1-1	<p>fabric piece inner packing 1 code</p> <p>code specifying the type of inner wrapping/packing used for the fabric piece</p> <p>- base type: string, cod. table: T4, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/piecePack/pieceInnWrap1</a>)</p>
pieceInnWrap2 0-1	<p>fabric piece inner packing 2, code</p> <p>code sub-specifying the type of inner wrapping/packing used for the fabric piece</p> <p>- base type: string, cod. table: T5, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/piecePack/pieceInnWrap2</a>)</p>
pieceOutWrap 0-1	<p>fabric piece outer packing, code</p> <p>code specifying the type of outer wrapping or packing used for the fabric piece</p> <p>- base type: string, cod. table: T6, (XPath: <a href="#">TEXOrder/TObody/TOitem/texComInfo/piecePack/pieceOutWrap</a>)</p>
note 0-1	<p>free text</p> <p>free text note</p> <p>- base type: string, max length: 350, (XPath: <a href="#">TEXOrder/TObody/TOitem/note</a>)</p>

**totals 0-1**

totQty 0-1

@um [Required]

totAmount 1-1

<b>totals 0-1</b>	Totals monetary and quantity totals of the Order - (XPath: <a href="#">TEXOrder/totals</a> )
totQty 0-1	total items quantity total quantity of the articles related to the whole document - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: <a href="#">TEXOrder/totals/totQty</a> )
@um [ <i>Required</i> ]	unit of measure code specification of the unit of measure - base type: string, cod. table: NT7, (XPath: <a href="#">TEXOrder/totals/totQty/@um</a> )
totAmount 1-1	goods total amount total monetary value of the goods and services considered in the message - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: <a href="#">TEXOrder/totals/totAmount</a> )

## 4. Enumeration tables

List of enumeration tables used in the XML document. You can find the corresponding codes in the attachment labeled "A", for tables with 100 values or less.

NT1 - Order type  
NT18 - message function  
T9 - ISO4217 - Currency  
NT19 - currency use qualifier  
T21 - type of document  
NT6 - Product coding qualifier  
T10 - ISO3166 - Country  
NT2 - Third party qualifier  
T1 - Terms of payment  
T2 - Modes of payment  
T3 - Terms of delivery  
NT4 - End use  
NT7 - Unity of measure  
T4 - Fabric piece inner packing (wrapping) 1  
T5 - Fabric piece inner packing (wrapping) 2  
T6 - Fabric piece outer packing  
NT20 - price qualifier

## 5. Credits

This guide has been realized for MODA-ML project by Guido Cucchiara, PROGEMA - gruppo SOI, supported by Thomas Imolesi, XML-Lab (initiative from ENEA and Forum per la Tecnologia dell'Informazione).

Other participants:

Alessandro Barberis Canonico (Lanificio Vitale Barberis Canonico),  
Albino Botto Poala (Lanificio Successori Reda),  
Gustavo Cametti (Lanificio Piacenza, Domina srl),  
Piero De Sabbata e Piergiorgio Censoni (ENEA)  
Gianfranco Irico (Lanificio Loro Piana),  
Luca Mainetti (Politecnico di Milano, Hypermedia Open center),  
Federico Tamburini e Ivano Begnozzi (Fratelli Corneliani).

The MODA-ML project is supported in the Fifth Framework programme by the European Commission in the IST initiative and is included in the cluster of projects about Agents and Middleware Technologies EUTIST-AMI (IST-2000-28221, <http://www.eutist-ami.org>).

More informations can be acquired in <http://www.moda-ml.org>.

## Attachment A

### NT1 - Order type

A	blanket
D	call-off
STD	standard

### NT18 - message function

CP	copy
OR	original
RT	re-transmission

### T9 - ISO4217 - Currency

Table not printed: there are 205 elements, more than the maximum specified (100) for printing.

### NT19 - currency use qualifier

CAT	pricelist currency
INV	invoicing currency
ORD	order currency
PAY	payment currency
SAL	sales currency

### T21 - type of document

CAT	price catalogue
CTR	contract
DAD	darn order
DDT	ddt
DEA	despatch advise
DER	despatch request
ORD	purchase order
OSR	order status request
OST	order status
OUR	our reference
SCL	process sheet

### NT6 - Product coding qualifier

CL	Customer/buyer
CO	Quality Controller
EN	EAN
FO	Supplier
MF	VAT identifier



**T10 - ISO3166 - Country**

Table not printed: there are 239 elements, more than the maximum specified (100) for printing.

**NT2 - Third party qualifier**

AG	Sales Agent
CO	Quality Controller
DC	Response to
DF	Invoicee
DM	Consignee
IM	Importer
SP	Forwarder

**T1 - Terms of payment**

ANTICIP	PAYMENT IN ADVANCE
BLCOLLECT/120D	BILL OF LADING 120 DD
BLCOLLECT/30D	BILL OF LADING 30 DD
BLCOLLECT/60D	BILL OF LADING 60 DD
BLCOLLECT/90D	BILL OF LADING 90 DD
CASH	PAYMENT ON DELIVERY
CASHINV	PAYMENT ON RECEIPT OF INVOICE
CREDOC/0D	DOCUMENTARY CREDIT FOR PAYM. AT SIGHT
CREDOC/120	DOCUMENTARY CREDIT FOR PAYM. AT 120 DD
CREDOC/150	DOCUMENTARY CREDIT FOR PAYM. AT 150 DD
CREDOC/180	DOCUMENTARY CREDIT FOR PAYM. AT 180 DD
CREDOC/30D	DOCUMENTARY CREDIT FOR PAYM. AT 30 DD
CREDOC/45D	DOCUMENTARY CREDIT FOR PAYM. AT 45 DD
CREDOC/60	DOCUMENTARY CREDIT FOR PAYM. AT 60 DD
CREDOC/90	DOCUMENTARY CREDIT FOR PAYM. AT 90 DD
DEL/10	PAYMENT AT 10 DD AFTER DELIVERY
DOCOLLECT/120D	DOCUMENTARY COLLECTION AT 120 DD
DOCOLLECT/30D	DOCUMENTARY COLLECTION AT 30 DD
DOCOLLECT/60D	DOCUMENTARY COLLECTION AT 60 DD
DOCOLLECT/90D	DOCUMENTARY COLLECTION AT 90 DD
INV/120D	PAYMENT AT 120 DD AFTER RECEIPT OF INVOICE
INV/150D	PAYMENT AT 150 DD AFTER RECEIPT OF INVOICE
INV/180D	PAYMENT AT 180 DD AFTER RECEIPT OF INVOICE
INV/30D	PAYMENT AT 30 DD AFTER RECEIPT OF INVOICE
INV/45D	PAYMENT AT 45 DD AFTER RECEIPT OF INVOICE
INV/60D	PAYMENT AT 60 DD AFTER RECEIPT OF INVOICE
INV/90D	PAYMENT AT 90 DD AFTER RECEIPT OF INVOICE
INVULTIMO	PAYMENT AT END MONTH RECEIPT INVOICE
INVULTIMO/10D	PAYMENT 10 DD AFTER END MONTH RECEIPT INVOICE
INVULTIMO/120D	PAYMENT 120 DD AFTER END MONTH RECEIPT INVOICE

INVULTIMO/150D	PAYMENT 150 DD AFTER END MONTH RECEIPT INVOICE
INVULTIMO/180D	PAYMENT 180 DD AFTER END MONTH RECEIPT INVOICE
INVULTIMO/240D	PAYMENT 240 DD AFTER END MONTH RECEIPT INVOICE
INVULTIMO/30D	PAYMENT 30 DD AFTER END MONTH RECEIPT INVOICE
INVULTIMO/45D	PAYMENT 45 DD AFTER END MONTH RECEIPT INVOICE
INVULTIMO/60D	PAYMENT 60 DD AFTER END MONTH RECEIPT INVOICE
INVULTIMO/90D	PAYMENT 90 DD AFTER END MONTH RECEIPT INVOICE
NOPAY	WITHOUT PAYMENT
RECREDOC/0D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT SIGHT
RECREDOC/120D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 120 DD
RECREDOC/150D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 150 DD
RECREDOC/180D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 180 DD
RECREDOC/30D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 30 DD
RECREDOC/45D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 45 DD
RECREDOC/60D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 60 DD
RECREDOC/90D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 90 DD
ULTIMO	PAYMENT BY END MONTH OF DELIVERY
ULTIMO/10	PAYMENT AT 10 DD AFTER END MONTH OF DELIVERY

## T2 - Modes of payment

BB	bank transfer
IA	collection through Agent
IS	collection through Forwarder
RB	bank receipt
RD	remittance
SW	bank SWIFT
TR	bank draft

## T3 - Terms of delivery

CFR	COST AND FREIGHT (named port of destination)
CIF	COST, INSURANCE AND FREIGHT (named port of destination)
CIP	CARRIAGE AND INSURANCE PAID (named place of destination)
CPT	CARRIAGE PAID (named place of destination)
DAF	DELIVERED AT FRONTIER (named place)
DDP	DELIVERED DUTY PAID (named place of destination)
DDU	DELIVERED DUTY UNPAID (named place of destination)
EXW	EX WORKS
FCA	FREE CARRIER (named place)
FOB	FREE ON BOARD (named port of shipment)

## NT4 - End use

PC	test piece
PR	production

TI	patch
TP	(test cut)

#### NT7 - Unity of measure

CMT	centimetre
GRM	gram
INH	inch
KGM	kilogram
LBR	pound
MTR	metre
NMB	numero
ONZ	ounce
PZ	piece
YRD	yard

#### T4 - Fabric piece inner packing (wrapping) 1

A	Folded, whole width
B	Folded, doubled
C	Folded, tube products
D	Spooled, whole width
E	Spooled, doubled, pli: left
F	Spooled, doubled, pli: right
G	Rolled, whole width, single item
H	Rolled, whole width, several items
I	Rolled, doubled
J	Rolled, tube products

#### T5 - Fabric piece inner packing (wrapping) 2

A	Open
B	Folded once, not looped
C	Folded twice, not looped
H	Folded once, looped
I	Folded twice, looped
J	Without inner object, right side inside
K	On carton or spooling plank, right side inside
L	On spool (for pressure sensitive products), right side inside
M	Without inner object, left side inside
N	On carton or spooling plank, left side inside
O	On spool (for pressure sensitive products), left side inside
P	Without inner object, right side inside
Q	On carton, right side inside
R	On wooden stick, right side inside
S	Without inner object, left side inside

T	On carton, left side inside
U	On wooden stick, left side inside

**T6 - Fabric piece outer packing**

0	Not wrapped
00	
1	Totally wrapped
2	Wrapped, one side open
3	Wrapped, both sides open
4	Wrapped, one side open, with show corner
5	Wrapped in cartons
6	Double wrapped

**NT20 - price qualifier**

GET	gross excluding taxes
GIT	gross including taxes
NET	net excluding taxes
NIT	net including taxes