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IMPLEMENTATION GUIDE

TRANSACTION "TEXTILE PRINTING COMMISSION ORDER"

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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 PRINTING COMMISSION ORDER”, providing all the instruction required for its use in the context of e-commerce between Textile Subcontractors and their Customers shown in the enclosed diagram.
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

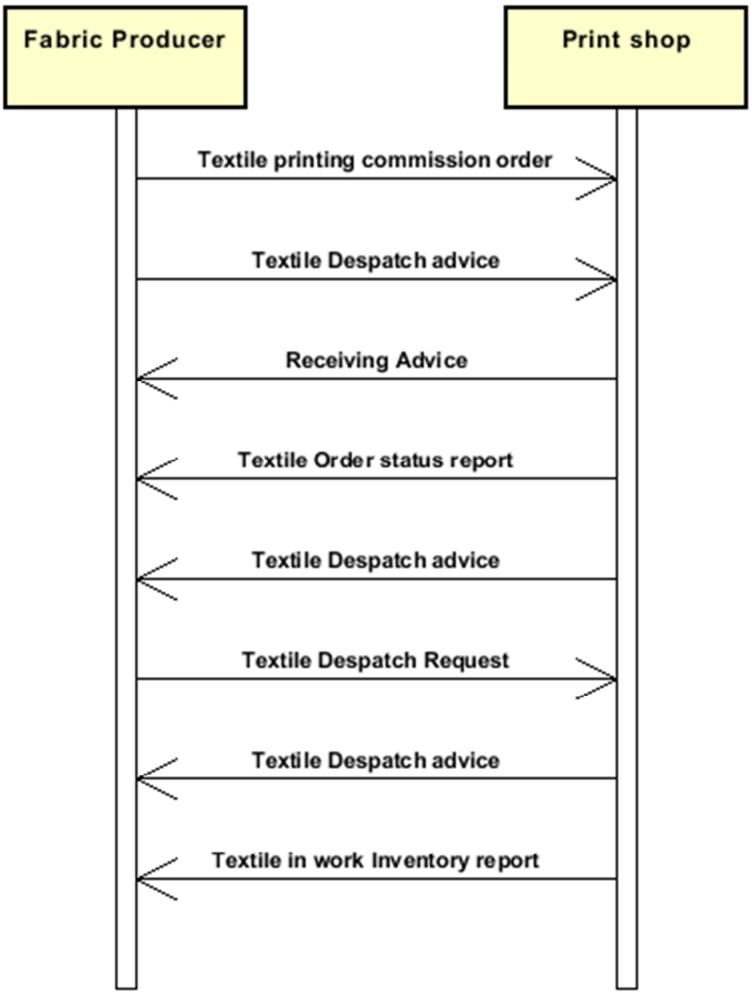
The Printing commission order is used by a Fabric Manufacturer to commit to a Subcontractor the printing of fabric.

When the Issuer of the Commission requires different manufacturing operations in sequence to different Subcontractors, he can used this document not only as work order but also as a despatch order to send the semi-finished product to a successive Subcontractor
As a general rule, the Printing commission order specifies only the manufacturing technology (if required) and the characteristics of the end product of each operation and specifies the components used to manufacture that product

It must be noted that this end product can be, in turn, a component for a successive manufacturing operation

The definition of any "manufacturing parameters" is left to the Subcontractor; sometimes however these parameters can be specified by the Issuer of the Commission itself, that can define machines and machine parameters in the Commission Order

1.3. Possible scenario


Fabric Producer
Print shop
Textile printing commission order
Textile Despatch advice
Receiving Advice
Textile Order status report
Textile Despatch advice
Textile Despatch Request
Textile Despatch advice
Textile in work Inventory report

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

TEXPrintOrder
@msgfunction [Optional] [Default= OR]
TPCOheader 1-1
msgN 1-1
- choose -
msgID 0-1
- or -
docID 0-1
@numberingOrg [Optional]
- end choose -
msgDate 1-1
@dateForm [Optional]
season 0-1
msgCurrency 0-1
refDoc 0-9
@docType [Required]
docID 1-2
@numberingOrg [Optional]
docDate 0-1
@dateForm [Optional]
season 0-1
itemID 0-1
buyer 1-1
@logo [Optional]
@sender [Optional]
id 1-1
@numberingOrg [Optional]
legalName 0-1
dept 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
subContractor 1-1
@sender [Optional]
id 1-1

@numberingOrg [Optional]
legalName 0-1
dept 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
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 0-1
@numberingOrg [Optional]
@codeList [Optional]
@noteLabel [Optional]

terms 0-1

payment 0-5
@finDiscount [Optional]
@finSurcharge [Optional]
- choose -
payTerm 1-1
- or -
payTermText 1-1
- end choose -
payMode 0-1

insPayment 0-5
@part [Required]
- choose -
payTerm 1-1
- or -
payTermText 1-1
- end choose -
payMode 0-1

trade 0-1
- choose -
incoTermText 1-1
- or -
incoTerm 1-1
- end choose -
location 0-1
@LRI [Optional]

transInfo 0-1

@transReason [Optional]
transMode 1-1
carrier 0-1
deliveryPlace 0-1
grossWeight 0-1
@um [Required]
netWeight 0-1
@um [Required]
transMeans 0-1
transCondition 0-3
transConditionText 0-1
allowanceCharge 0-9
@VAT [Optional]
- choose -
AC_category 1-1
- or -
AC_categoryText 1-1
- choose -
AC_percent 1-1
- or -
AC_amount 1-1
- end choose -

TPCObody 1-1
TPCOitem 1-unbounded
@productLevel [Optional] [Default= END]
lineN 1-1
@VAT [Optional]
fabricProd 1-1
@CTest [Optional]
texCode 1-1
@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
@addType [Optional]
description 0-1
fabricCompos 0-1
percCompos 1-9
@fibre [Required]
fabricWidth 0-1
@um [Optional] [Default= CMT]
fabricSpecs 0-99
- choose -
fabricCharText 1-1
- or -
fabricChar 1-1
- end choose -

specValue 0-1
@um [Optional]
@method [Optional]
- choose -
tolerance 0-2
@um [Required]
- or -
pcTolerance 0-2
@um [Optional]
- end choose -
- choose -
pieceChain 0-99
serialN 1-1
@numberingOrg [Optional]
pieceLength 0-1
@um [Optional] [Default= MTR]
pieceWidth 0-1
@um [Optional] [Default= CMT]
pieceWeight 0-1
@um [Optional] [Default= KGM]
lotN 0-1
@numberingOrg [Optional]
dyeN 0-1
@numberingOrg [Optional]
packageN 0-1
@numberingOrg [Optional]
piecePack 0-1
- choose -
piecePackText 1-1
- or -
pieceInnWrap1 1-1
pieceInnWrap2 0-1
pieceOutWrap 0-1
- end choose -
pieceCut 0-99
serialN 1-1
@numberingOrg [Optional]
pieceLength 0-1
@um [Optional] [Default= MTR]
pieceWeight 0-1
@um [Optional] [Default= KGM]
- or -
piece 0-99
@endUse [Optional]
serialN 1-3
@numberingOrg [Optional]
totFault 0-1
pieceStatus 0-1
pieceLength 0-1
@um [Optional] [Default= MTR]
pieceWidth 0-1
@um [Optional] [Default= CMT]
pieceCutWidth 0-1
@um [Optional] [Default= CMT]
pieceWeight 0-1
@um [Optional] [Default= KGM]
pieceWeightM 0-1
@um [Optional] [Default= GRM]
pieceAllow 0-1
@um [Required]
lotN 0-1

@numberingOrg [Optional]
dyeN 0-1
@numberingOrg [Optional]
mixMatch 0-1
@numberingOrg [Optional]
packageN 0-1
@numberingOrg [Optional]
piecePack 0-1
- choose -
piecePackText 1-1
- or -
pieceInnWrap1 1-1
pieceInnWrap2 0-1
pieceOutWrap 0-1
- end choose -
- end choose -
note 0-1
@numberingOrg [Optional]
@codeList [Optional]
@noteLabel [Optional]
qty 1-3
@um [Required]
price 0-1
@um [Optional]
@priceQualifier [Optional] [Default= NET]
deliveryDate 0-1
@dateForm [Optional]
thirdParty 0-1
@VAT [Optional]
@role [Required]
@sender [Optional]
id 1-1
@numberingOrg [Optional]
legalName 0-1
dept 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
fabricComponent 1-1
texCode 1-1
@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
@addType [Optional]
description 0-1
qty 1-3
@um [Required]
serialN 0-99
@numberingOrg [Optional]
refDoc 0-1
@docType [Required]
docID 1-2
@numberingOrg [Optional]
docDate 0-1
@dateForm [Optional]
season 0-1
itemID 0-1
location 0-1
@LRI [Optional]
note 0-1
@numberingOrg [Optional]
@codeList [Optional]
@noteLabel [Optional]
fabPrintOperation 1-1
fabPrintTech 1-1
dyeStuff 0-1
fabPrintSpecs 0-9
- choose -
fabPrintCharText 1-1
- or -
fabPrintChar 1-1
- end choose -
specValue 0-1
@um [Optional]
@method [Optional]
groundColor 0-9
@numberingOrg [Optional]
@screenN [Required]
refDoc 0-1
@docType [Required]
docID 1-2
@numberingOrg [Optional]
docDate 0-1
@dateForm [Optional]
season 0-1
itemID 0-1
note 0-1
@numberingOrg [Optional]
@codeList [Optional]
@noteLabel [Optional]

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.

allowanceCharge	Allowances and Charges related to an Order or a contract (XPath: TEXPrintOrder/terms/allowanceCharge) 0-9
buyer	details of the Buyer - base type: , (XPath: TEXPrintOrder/TPCOheader/buyer) 1-1
fabPrintOperation	details of a fabric printing operation (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation) 1-1
fabPrintSpecs	technical specifications of a fabric printing operation (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/fabPrintSpecs) 0-9
fabricComponent	identification details of a fabric used in a sub-contracted manufacturing operation (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent) 1-1
fabricCompos	composition of the fabric according to the Directory 97/37/CE (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/fabricCompos) 0-1
fabricProd	manufacturing specifications of the product to be obtained from an operation of the sub-contracted production of fabric (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd) 1-1
fabricSpecs	technical characteristics of fabric, linked either to an operation of subcontracted production or to the purchase (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/fabricSpecs) 0-99
insPayment	payment details for payment by installments (XPath: TEXPrintOrder/terms/insPayment) 0-5 - note: *this set of data is alternative to payment set and must be iterated for each payment installment*
payment	payment details for payment all in one (XPath: TEXPrintOrder/terms/payment) 0-5 - note: *this set of data can be iterated to specify alternative terms of payment (e.g.: 60 days or 30 days with 3% discount)*
piece	Identification data and measurement of the fabric piece (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece) 0-99
pieceChain	identification data and measurements of a chain of pieces still to be cut (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/pieceChain) 0-99
pieceCut	identification data and measurements of a fabric piece belonging to a chain still to be cut (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/pieceCut) 0-99 - note: *here the data of the pieces making up the chain should be specified*
piecePack	type of wrapping or packing of the fabric pieces (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/piecePack) 0-1

	(XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/piecePack) 0-1
refDoc	identification of a document and of an item thereof, to which the message makes reference (XPath: TEXPrintOrder/TPCOheader/refDoc) 0-9 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/refDoc) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/refDoc) 0-1 - note: *here the delivery documents can be specified*
subContractor	details of the Sub-contractor - base type: , (XPath: TEXPrintOrder/TPCOheader/subContractor) 1-1
terms	details of the commercial obligations for payment and delivery (XPath: TEXPrintOrder/terms) 0-1
texCode	full codification of the textile product (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/texCode) 1-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/texCode) 1-1
thirdParty	details of the Third Party, different from Buyer or Supplier - base type: , (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty) 0-1 - note: *here the Party to whom the Subcontractor must send the semi-finished product for subsequent operations can be specified* (XPath: TEXPrintOrder/TPCOheader/thirdParty) 0-1 - note: *here the Party to whom the Subcontractor must send the semi-finished products for subsequent operations can be specified*
TPCObody	body of the document TEXTILE PRINTING COMMISSION ORDER (XPath: TEXPrintOrder/TPCObody) 1-1
TPCOheader	header of the document TEXTILE PRINTING COMMISSION ORDER (XPath: TEXPrintOrder/TPCOheader) 1-1
TPCOitem	line of the document TEXTILE PRINTING COMMISSION ORDER (XPath: TEXPrintOrder/TPCObody/TPCOitem) 1-unbounded
trade	general terms of trade for the specified supply (XPath: TEXPrintOrder/terms/trade) 0-1
transInfo	details of transport: mode, carrier and delivery place (XPath: TEXPrintOrder/terms/transInfo) 0-1

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.

AC_amount	amount of an Allowance or Charge - base type: decimal, fraction digits: 2, (XPath: TEXPrintOrder/terms/allowanceCharge/AC_amount) 1-1
AC_category	coded specification of an Allowance or Charge - base type: string, cod. table: T41, (XPath: TEXPrintOrder/terms/allowanceCharge/AC_category) 1-1
AC_categoryText	free text description of an Allowance or Charge - base type: string, max length: 70, (XPath: TEXPrintOrder/terms/allowanceCharge/AC_categoryText) 1-1
AC_percent	amount of an Allowance or Charge as a percentage - base type: decimal, max inclusive: 100, fraction digits: 2, (XPath: TEXPrintOrder/terms/allowanceCharge/AC_percent) 1-1

added	additional code of the product (complementing the formers) - base type: string, max length: 15, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/texCode/added) 0-9 - note: *here an additional codification (see table T44) can be specified* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/added) 0-9 - note: *here an additional codification (see table T44) can be specified*
@addType	qualifier of the additional coding of a product - base type: string, cod. table: T44, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ texCode/added/@addType) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/added/@addType) [Optional]
art	article number of the product - base type: string, max length: 25, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/art) 1-1 - note: *can be used either for the base-article (excluding pattern/colour) or for the SKU* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/texCode/art) 1-1 - note: *can be used either for the base-article (excluding pattern/colour) or for the SKU*
carrier	identification of the transport carrier - base type: string, max length: 40, (XPath: TEXPrintOrder/terms/transInfo/carrier) 0-1
city	name of the city (town, village) - base type: string, max length: 40, (XPath: TEXPrintOrder/TPCOheader/thirdParty/city) 0-1 (XPath: TEXPrintOrder/TPCOheader/subContractor/city) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/city) 0-1 (XPath: TEXPrintOrder/TPCOheader/buyer/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: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/color/@codeList) [Optional] - nota: *this attribute should be ALTERNATIVE to the others* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/art/@codeList) [Optional] - nota: *this attribute should be ALTERNATIVE to the others* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/pattern/@codeList) [Optional] - nota: *this attribute should be ALTERNATIVE to the others* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath: TEXPrintOrder/TPCOheader/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ texCode/color/@codeList) [Optional] - nota: *this attribute should be ALTERNATIVE to the others* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ texCode/pattern/@codeList) [Optional] - nota: *this attribute should be ALTERNATIVE to the others* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/

	texCode/art/@codeList) [Optional] - nota: *this attribute should be ALTERNATIVE to the others*
color	colour number of the product, when not included in the model or fabric code - base type: string, max length: 15, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/color) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/texCode/color) 0-1
country	code of the nation - base type: string, cod. table: T10, (XPath: TEXPrintOrder/TPCOheader/buyer/country) 0-1 (XPath: TEXPrintOrder/TPCOheader/thirdParty/country) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/country) 0-1 (XPath: TEXPrintOrder/TPCOheader/subContractor/country) 0-1
@CTest	indicates the need to execute a colour test before the operation - base type: string, cod. table: NT38, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/@CTest) [Optional]
@dateForm	format used for a date - base type: string, cod. table: NT29, (XPath: TEXPrintOrder/TPCObody/TPCOitem/deliveryDate/@dateForm) [Optional] (XPath: TEXPrintOrder/TPCOheader/msgDate/@dateForm) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ refDoc/docDate/@dateForm) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ refDoc/docDate/@dateForm) [Optional] (XPath: TEXPrintOrder/TPCOheader/refDoc/docDate/@dateForm) [Optional]
deliveryDate	date of delivery of goods, requested or promised in the purchase process, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath: TEXPrintOrder/TPCObody/TPCOitem/deliveryDate) 0-1
deliveryPlace	place of delivery of goods, ultimate or related to a given leg - base type: string, max length: 40, (XPath: TEXPrintOrder/terms/transInfo/deliveryPlace) 0-1
dept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath: TEXPrintOrder/TPCOheader/thirdParty/dept) 0-1 (XPath: TEXPrintOrder/TPCOheader/subContractor/dept) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/dept) 0-1 (XPath: TEXPrintOrder/TPCOheader/buyer/dept) 0-1
description	free text description of a product - base type: string, max length: 70, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/description) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/texCode/description) 0-1
docDate	date of issue of the referenced document, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath: TEXPrintOrder/TPCOheader/refDoc/docDate) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ refDoc/docDate) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ refDoc/docDate) 0-1
docID	identification number of the referenced document SINCE 2008-1 ITS USE IN THE HEADER IS DISCOURAGED (REPLACED BY) - base type: string, max length: 35, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/

	refDoc/docID) 1-2 (XPath: TEXPrintOrder/TPCOheader/docID) 0-1 (XPath: TEXPrintOrder/TPCOheader/refDoc/docID) 1-2 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ refDoc/docID) 1-2
@docType	type or class to which the referenced document belongs - base type: string, cod. table: T21, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ refDoc/@docType) [Required] (XPath: TEXPrintOrder/TPCOheader/refDoc/@docType) [Required] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ refDoc/@docType) [Required]
dyeN	number of the dying batch of a textile product - base type: string, max length: 15, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/dyeN) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/dyeN) 0-1
dyeStuff	dye stuff used in the fabric dye process - base type: string, cod. table: T16, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/dyeStuff) 0-1
@email	electronic mail address of the contact person within a Party - base type: string, max length: 80, (XPath: TEXPrintOrder/TPCOheader/buyer/person/@email) [Optional] (XPath: TEXPrintOrder/TPCOheader/subContractor/person/@email) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/person/@email) [Optional] (XPath: TEXPrintOrder/TPCOheader/thirdParty/person/@email) [Optional]
@endUse	specifies the final use of the material - base type: string, cod. table: NT4, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/@endUse) [Optional]
fabPrintChar	code specifying a characteristic or parameter of the fabric printing - base type: string, cod. table: T45, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ fabPrintSpecs/fabPrintChar) 1-1
fabPrintCharText	free text describing a characteristic or parameter of the fabric printing - base type: string, max length: 70, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ fabPrintSpecs/fabPrintCharText) 1-1
fabPrintTech	operation technology used for fabric printing - base type: string, cod. table: T264, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/fabPrintTech) 1-1
fabricChar	code of the physical or mechanical parameter used to define a "technical characteristic of the fabric" (see Fabric technical sheet) - base type: string, cod. table: T13, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ fabricSpecs/fabricChar) 1-1
fabricCharText	free text describing the physical or mechanical parameter used to define a "technical characteristic of the fabric" - base type: string, max length: 40, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ fabricSpecs/fabricCharText) 1-1
fabricWidth	width of the fabric as technical specification - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/fabricWidth) 0-1
@fax	fax number of the contact person within a Party

	- base type: string, max length: 35, (XPath: TEXPrintOrder/TPCOheader/subContractor/person/@fax) [Optional] (XPath: TEXPrintOrder/TPCOheader/thirdParty/person/@fax) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/person/@fax) [Optional] (XPath: TEXPrintOrder/TPCOheader/buyer/person/@fax) [Optional]
@fibre	type of fibre used in a textile product - base type: string, cod. table: T19, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ fabricCompos/percCompos/@fibre) [Required]
@finDiscount	financial discount applied for payment by the date specified - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, (XPath: TEXPrintOrder/terms/payment/@finDiscount) [Optional]
@finSurcharge	financial surcharge applied for payment after the date specified - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, (XPath: TEXPrintOrder/terms/payment/@finSurcharge) [Optional]
grossWeight	the gross weight of the overall goods supply, declared for transport or customs purpose - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXPrintOrder/terms/transInfo/grossWeight) 0-1
groundColor	ground colour related to a printing screen - base type: string, max length: 15, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/groundColor) 0-9
id	primary identification code of a Party; it is recommended the format: nation code (ISO 3166) + VAT identification number (11 crt), with the qualifier "numberingOrg"= MF - base type: string, max length: 15, (XPath: TEXPrintOrder/TPCOheader/buyer/id) 1-1 (XPath: TEXPrintOrder/TPCOheader/thirdParty/id) 1-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/id) 1-1 (XPath: TEXPrintOrder/TPCOheader/subContractor/id) 1-1
incoTerm	specification of the terms of trade (INCOTERMS) - base type: string, cod. table: T3, (XPath: TEXPrintOrder/terms/trade/incoTerm) 1-1
incoTermText	free text specifying the terms of trade (incoterm, location) - base type: string, max length: 70, (XPath: TEXPrintOrder/terms/trade/incoTermText) 1-1
itemID	number of the line/item of the referenced document - base type: string, max length: 6, (XPath: TEXPrintOrder/TPCOheader/refDoc/itemID) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ refDoc/itemID) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ refDoc/itemID) 0-1
legalName	legal name of a Party - base type: string, max length: 80, (XPath: TEXPrintOrder/TPCOheader/buyer/legalName) 0-1 (XPath: TEXPrintOrder/TPCOheader/thirdParty/legalName) 0-1 (XPath: TEXPrintOrder/TPCOheader/subContractor/legalName) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/legalName) 0-1
lineN	number of the line item of the present message (xml document) - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath: TEXPrintOrder/TPCObody/TPCOitem/lineN) 1-1
@listName	it specifies the name of the list of codes used to make an instance of the element - base type: string, max length: 40,

	(XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ texCode/color/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ texCode/pattern/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/art/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/pattern/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/color/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ 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 element - base type: string, max length: 6, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ texCode/art/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" and "listName"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/art/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" and "listName"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/color/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" and "listName"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ texCode/pattern/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" and "listName"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/pattern/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" and "listName"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ texCode/color/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" and "listName"*
location	specification of a location - base type: string, max length: 40, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/location) 0-1 - note: *it may be used to specify the location where lie the pieces that the Subcontractor must use for the commisioned work operation* (XPath: TEXPrintOrder/terms/trade/location) 0-1 - note: *place to which the INCOTERM applies*
@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: TEXPrintOrder/TPCOheader/buyer/@logo) [Optional]
lotN	lot number of a product or batch number of the raw material - base type: string, max length: 15, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/lotN) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/

	pieceChain/lotN) 0-1
@LRI	attribute usable to format a string according to a customized User rule (local rule) - base type: string, cod. table: NT3, (XPath: TEXPrintOrder/terms/trade/location/@LRI) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ location/@LRI) [Optional]
@method	standard protocol or method employed in a test to evaluate a characteristic or a parameter - base type: string, max length: 25, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ fabricSpecs/specValue/@method) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ fabPrintSpecs/specValue/@method) [Optional]
mixMatch	colour hue used for the match of garments - base type: string, max length: 15, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/mixMatch) 0-1
msgCurrency	currency used to express the monetary amounts of the message - base type: string, cod. table: T9, (XPath: TEXPrintOrder/TPCOheader/msgCurrency) 0-1
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 YYYY-WW. - base type: string, (XPath: TEXPrintOrder/TPCOheader/msgDate) 1-1
@msgfunction	function performed by the present message with regards to the transmission - base type: string, cod. table: NT18, (XPath: TEXPrintOrder/@msgfunction) [Optional] [Default= OR]
msgID	key identifier of the document in the information system of the issuing Party - base type: string, max length: 35, (XPath: TEXPrintOrder/TPCOheader/msgID) 0-1
msgN	identification number given to the message (xml document) by its issuer - base type: string, max length: 35, (XPath: TEXPrintOrder/TPCOheader/msgN) 1-1
netWeight	the net weight of the overall goods supply, declared for transport or customs purpose - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXPrintOrder/terms/transInfo/netWeight) 0-1
note	free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist" - base type: string, max length: 350, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/note) 0-1 (XPath: TEXPrintOrder/TPCOheader/note) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/note) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/note) 0-1
@noteLabel	subject qualifier of a note - base type: string, max length: 35, (XPath: TEXPrintOrder/TPCOheader/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/

	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 numbering system - base type: string, cod. table: NT6, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ groundColor/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/id/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ serialN/@numberingOrg) [Optional] - nota: *here the issuer of the serial number must be specified (when different from the Supplier)* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/serialN/@numberingOrg) [Optional] - nota: *here the issuer of the serial number must be specified (when different from the Supplier)* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/art/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/packageN/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCOheader/buyer/id/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/note/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/lotN/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/color/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/dyeN/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/mixMatch/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/pattern/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/lotN/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ texCode/pattern/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/dyeN/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ texCode/art/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/packageN/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/serialN/@numberingOrg) [Optional] - nota: *here the issuer of the serial number must be specified (when different from the Supplier)* (XPath: TEXPrintOrder/TPCOheader/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)*

	(XPath: TEXPrintOrder/TPCOheader/subContractor/id/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ refDoc/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ refDoc/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ texCode/color/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/texCode/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ note/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCOheader/note/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/pieceCut/serialN/@numberingOrg) [Optional] - nota: *here the issuer of the serial number must be specified (when different from the Supplier)* (XPath: TEXPrintOrder/TPCOheader/thirdParty/id/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ note/@numberingOrg) [Optional] (XPath: TEXPrintOrder/TPCOheader/refDoc/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)*
packageN	serial number used to identify a transport package - base type: string, max length: 25, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/packageN) 0-1 - note: *here the transport package containing the piece can be identified* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/packageN) 0-1
@part	percent fraction of a total payment - base type: decimal, min inclusive: 1, max inclusive: 99, fraction digits: 2, (XPath: TEXPrintOrder/terms/insPayment/@part) [Required] - nota: *here the % value of each installment must be indicated*
pattern	pattern/design number of the product, when not included in the article code - base type: string, max length: 15, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ texCode/pattern) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/texCode/pattern) 0-1
payMode	way or means of payment - base type: string, cod. table: T2, (XPath: TEXPrintOrder/terms/insPayment/payMode) 0-1 (XPath: TEXPrintOrder/terms/payment/payMode) 0-1
payTerm	code specifying the terms or time by which the payment must be done - base type: string, cod. table: T1, (XPath: TEXPrintOrder/terms/payment/payTerm) 1-1 (XPath: TEXPrintOrder/terms/insPayment/payTerm) 1-1
payTermText	free text specifying the terms by which the payment must be done (time/mode or means) - base type: string, max length: 40, (XPath: TEXPrintOrder/terms/insPayment/payTermText) 1-1 (XPath: TEXPrintOrder/terms/payment/payTermText) 1-1
pcTolerance	percent deviation tolerated on the value of a measurement (it must have a plus or minus sign)

	- base type: decimal, min inclusive: 0, max inclusive: 100, total digits: 2, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ fabricSpecs/pcTolerance) 0-2
percCompos	fiber rate in the product composition - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ fabricCompos/percCompos) 1-9
person	name of the contact person within a Party - base type: string, max length: 40, (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/person) 0-1 (XPath: TEXPrintOrder/TPCOheader/thirdParty/person) 0-1 (XPath: TEXPrintOrder/TPCOheader/buyer/person) 0-1 (XPath: TEXPrintOrder/TPCOheader/subContractor/person) 0-1
@phone	phone number of the contact person within a Party - base type: string, max length: 35, (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/person/@phone) [Optional] (XPath: TEXPrintOrder/TPCOheader/thirdParty/person/@phone) [Optional] (XPath: TEXPrintOrder/TPCOheader/subContractor/person/@phone) [Optional] (XPath: TEXPrintOrder/TPCOheader/buyer/person/@phone) [Optional]
pieceAllow	allowance required or accorded for the piece - base type: decimal, fraction digits: 2, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/pieceAllow) 0-1
pieceCutWidth	effective usable width of the fabric piece (for garment manufacturing) - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/pieceCutWidth) 0-1
pieceInnWrap1	code specifying the type of inner wrapping/packing used for the fabric piece - base type: string, cod. table: T4, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/piecePack/pieceInnWrap1) 1-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/piecePack/pieceInnWrap1) 1-1
pieceInnWrap2	code sub-specifying the type of inner wrapping/packing used for the fabric piece - base type: string, cod. table: T5, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/piecePack/pieceInnWrap2) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/piecePack/pieceInnWrap2) 0-1
pieceLength	length of the piece - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/pieceLength) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/pieceLength) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/pieceCut/pieceLength) 0-1
pieceOutWrap	code specifying the type of outer wrapping or packing used for the fabric piece - base type: string, cod. table: T6, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/piecePack/pieceOutWrap) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/piecePack/pieceOutWrap) 0-1
piecePackText	free text specifying the type of wrapping or packing used for the fabric piece - base type: string, max length: 40, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/piecePack/piecePackText) 1-1

	(XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/piecePack/piecePackText) 1-1
pieceStatus	code used to describe the status of a fabric piece after the control - base type: string, cod. table: T52, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/pieceStatus) 0-1
pieceWeight	effective total weight of the fabric piece - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/pieceWeight) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/pieceCut/pieceWeight) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/pieceWeight) 0-1
pieceWeightM	effective weight per metre of the fabric piece - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/pieceWeightM) 0-1
pieceWidth	effective width of the fabric piece - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/pieceWidth) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/pieceWidth) 0-1
postCode	code defining the postal zone - base type: string, max length: 10, (XPath: TEXPrintOrder/TPCOheader/thirdParty/postCode) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/postCode) 0-1 (XPath: TEXPrintOrder/TPCOheader/buyer/postCode) 0-1 (XPath: TEXPrintOrder/TPCOheader/subContractor/postCode) 0-1
price	unit price of the article, object or service specified - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXPrintOrder/TPCObody/TPCOitem/price) 0-1
@priceQualifier	type of price with reference to discount and taxes - base type: string, cod. table: NT20, (XPath: TEXPrintOrder/TPCObody/TPCOitem/price/@priceQualifier) [Optional] [Default= NET]
@productLevel	level of the product (end or intermediate) yielded by an operation in a work cycle - base type: string, cod. table: NT22, (XPath: TEXPrintOrder/TPCObody/TPCOitem/@productLevel) [Optional] [Default= END] - nota: *this qualifier "intermediate" must be used when the product is also a component in an other line of the same Commission Order*
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: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/qty) 1-3 - note: *here is the code of the component used in the yarn manufacturing operation* (XPath: TEXPrintOrder/TPCObody/TPCOitem/qty) 1-3
@role	Third Party role qualifier - base type: string, cod. table: NT2, (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/@role) [Required] (XPath: TEXPrintOrder/TPCOheader/thirdParty/@role) [Required]
@screenN	identification number of a printing screen - base type: positiveInteger, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ groundColor/@screenN) [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: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ refDoc/season) 0-1 - note: *here indicates the season to which the referenced document belongs* (XPath: TEXPrintOrder/TPCOheader/refDoc/season) 0-1 - note: *here indicates the season to which the referenced document belongs* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ refDoc/season) 0-1 - note: *here indicates the season to which the referenced document belongs* (XPath: TEXPrintOrder/TPCOheader/season) 0-1
@sender	qualifier that specifies the Party issuing of the document - base type: boolean, (XPath: TEXPrintOrder/TPCOheader/subContractor/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be produced* (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be produced* (XPath: TEXPrintOrder/TPCOheader/buyer/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be produced* (XPath: TEXPrintOrder/TPCOheader/thirdParty/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be produced*
serialN	serial number used for the identification of a physical unit - base type: string, max length: 15, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/serialN) 0-99 - note: *it may be used to identify the pieces/chains that the Subcontractor must use for the commissioned work* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/serialN) 1-3 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/pieceCut/serialN) 1-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/serialN) 1-1
specValue	value requested for a characteristics or a parameter that can be measured - base type: decimal, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ fabricSpecs/specValue) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ fabPrintSpecs/specValue) 0-1
street	street and building number identifying a location - base type: string, max length: 80, (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/street) 0-1 (XPath: TEXPrintOrder/TPCOheader/buyer/street) 0-1 (XPath: TEXPrintOrder/TPCOheader/subContractor/street) 0-1 (XPath: TEXPrintOrder/TPCOheader/thirdParty/street) 0-1
subCountry	short name or code of the sub-country entity - base type: string, max length: 9, (XPath: TEXPrintOrder/TPCOheader/subContractor/subCountry) 0-1 (XPath: TEXPrintOrder/TPCOheader/thirdParty/subCountry) 0-1 (XPath: TEXPrintOrder/TPCOheader/buyer/subCountry) 0-1 (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/subCountry) 0-1
tolerance	deviation tolerated on the value of a measurement (it must have a plus or minus sign) - base type: decimal, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/

	fabricSpecs/tolerance) 0-2
totFault	total number of faults: the 1st/2nd digit count the "Large faults", the 3rd/4th the "Medium faults" and the 5th/6th the "Small faults" - base type: positiveInteger, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/piece/totFault) 0-1
transCondition	special condition of transport or special service requested to the Forwarder - base type: string, cod. table: T38, (XPath: TEXPrintOrder/terms/transInfo/transCondition) 0-3
transConditionText	free text description of the special condition of transport or special service requested to the Forwarder - base type: string, max length: 100, (XPath: TEXPrintOrder/terms/transInfo/transConditionText) 0-1
transMeans	means of transport, in general or referred to a specific leg - base type: string, cod. table: T40, (XPath: TEXPrintOrder/terms/transInfo/transMeans) 0-1
transMode	way of transport, in general or referred to the specified leg - base type: string, cod. table: T8, (XPath: TEXPrintOrder/terms/transInfo/transMode) 1-1
@transReason	reason for the transport - base type: string, cod. table: NT11, (XPath: TEXPrintOrder/terms/transInfo/@transReason) [Optional]
@um	specification of the unit of measure - base type: string, cod. table: NT7, (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabPrintOperation/ fabPrintSpecs/specValue/@um) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/pieceLength/@um) [Optional] [Default= MTR] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ fabricSpecs/pcTolerance/@um) [Optional] - nota: *to be used when it has to be soecified if the declared percentage is by weight, volume, etc…* (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/pieceWidth/@um) [Optional] [Default= CMT] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/pieceCut/pieceLength/@um) [Optional] [Default= MTR] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/pieceWeight/@um) [Optional] [Default= KGM] (XPath: TEXPrintOrder/terms/transInfo/netWeight/@um) [Required] (XPath: TEXPrintOrder/terms/transInfo/grossWeight/@um) [Required] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ fabricWidth/@um) [Optional] [Default= CMT] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ fabricSpecs/tolerance/@um) [Required] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ fabricSpecs/specValue/@um) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ pieceChain/pieceCut/pieceWeight/@um) [Optional] [Default= KGM] (XPath: TEXPrintOrder/TPCObody/TPCOitem/qty/@um) [Required] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/pieceAllow/@um) [Required] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricComponent/ qty/@um) [Required] (XPath: TEXPrintOrder/TPCObody/TPCOitem/price/@um) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/pieceWeightM/@um) [Optional] [Default= GRM] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/pieceWidth/@um) [Optional] [Default= CMT] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/

	piece/pieceLength/@um) [Optional] [Default= MTR] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/pieceWeight/@um) [Optional] [Default= KGM] (XPath: TEXPrintOrder/TPCObody/TPCOitem/fabricProd/ piece/pieceCutWidth/@um) [Optional] [Default= CMT]
@VAT	VAT rate or code - base type: string, cod. table: NT16, (XPath: TEXPrintOrder/TPCOheader/thirdParty/@VAT) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/thirdParty/@VAT) [Optional] (XPath: TEXPrintOrder/TPCObody/TPCOitem/lineN/@VAT) [Optional] (XPath: TEXPrintOrder/terms/allowanceCharge/@VAT) [Optional]

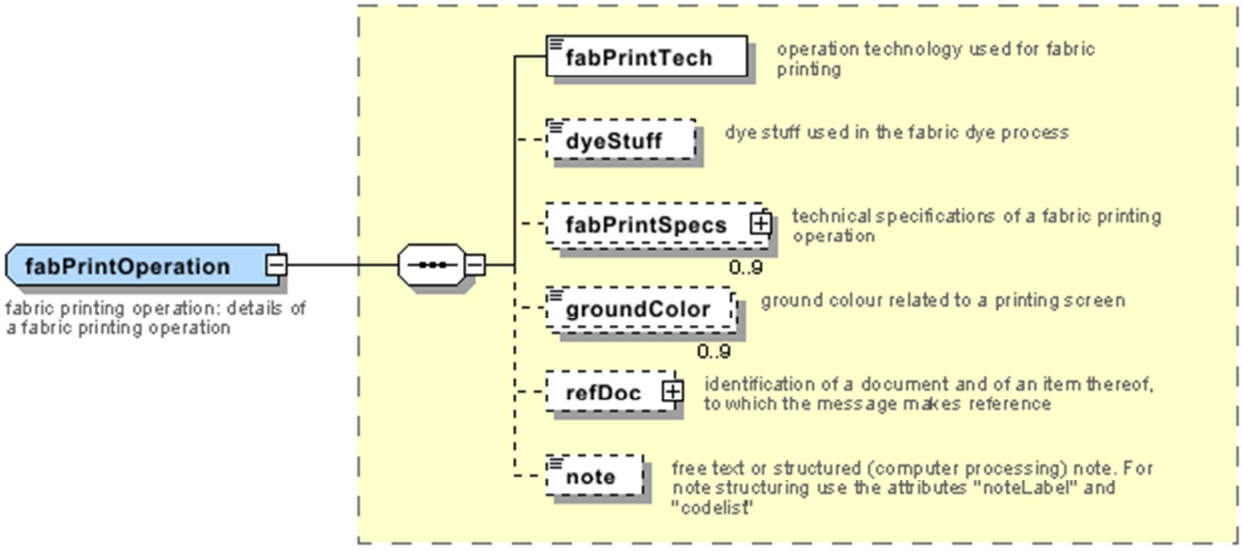
2.3 Enumeration tables

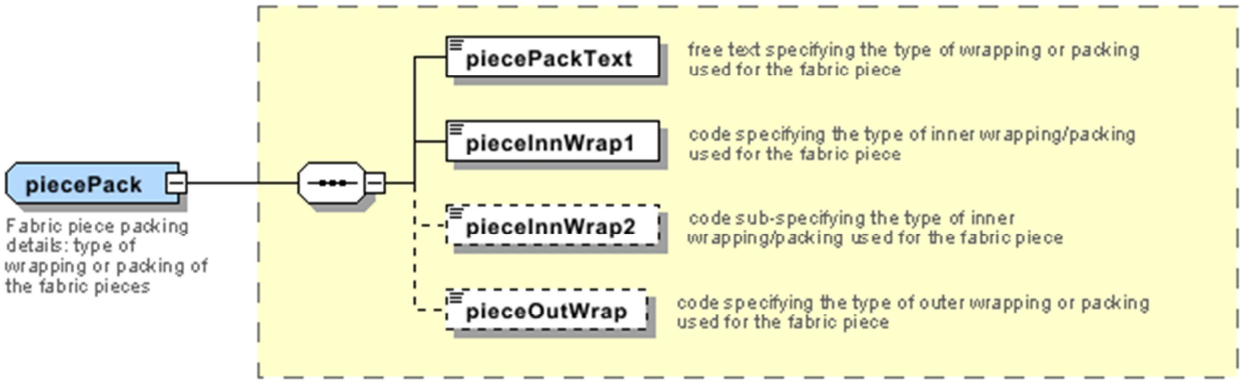
List of enumeration tables used in the XML document. You can find the corresponding codes (only for tables with less than 100 values) in the document Decoding_Values.pdf, available at: http://www.moda-ml.org/moda-ml/repository/guide/v2011-1/; moreover, all the enumeration tables are available at: http://www.moda-ml.org/imple/show-codes.asp.

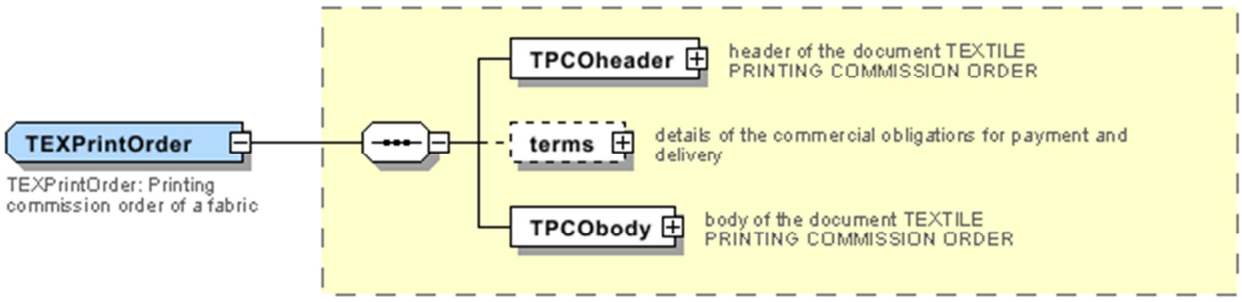
NT11 - Transport causal
NT16 - VAT rate or code
NT18 - message function
NT2 - Third party qualifier
NT20 - price qualifier
NT22 - product type of an operation
NT29 - format of a date
NT3 - Data format
NT38 - Colour test
NT4 - End use
NT6 - Coding system owner/issuer
NT7 - Unity of measure
T1 - Terms of payment
T10 - ISO3166 - Country
T13 - CFM properties of fabric
T16 - Dyestuff type
T19 - fibre type
T2 - Modes of payment
T21 - type of document
T264 - fabric printing technology
T3 - Terms of delivery
T38 - transport conditions
T4 - Fabric piece inner packing (wrapping) 1
T40 - type of transport means
T41 - type of Allowance or Charge
T44 - additional code type
T45 - fabric print parameter type
T5 - Fabric piece inner packing (wrapping) 2
T52 - fabric piece status
T6 - Fabric piece outer packing
T8 - Modes of Transport
T9 - ISO4217 - Currency

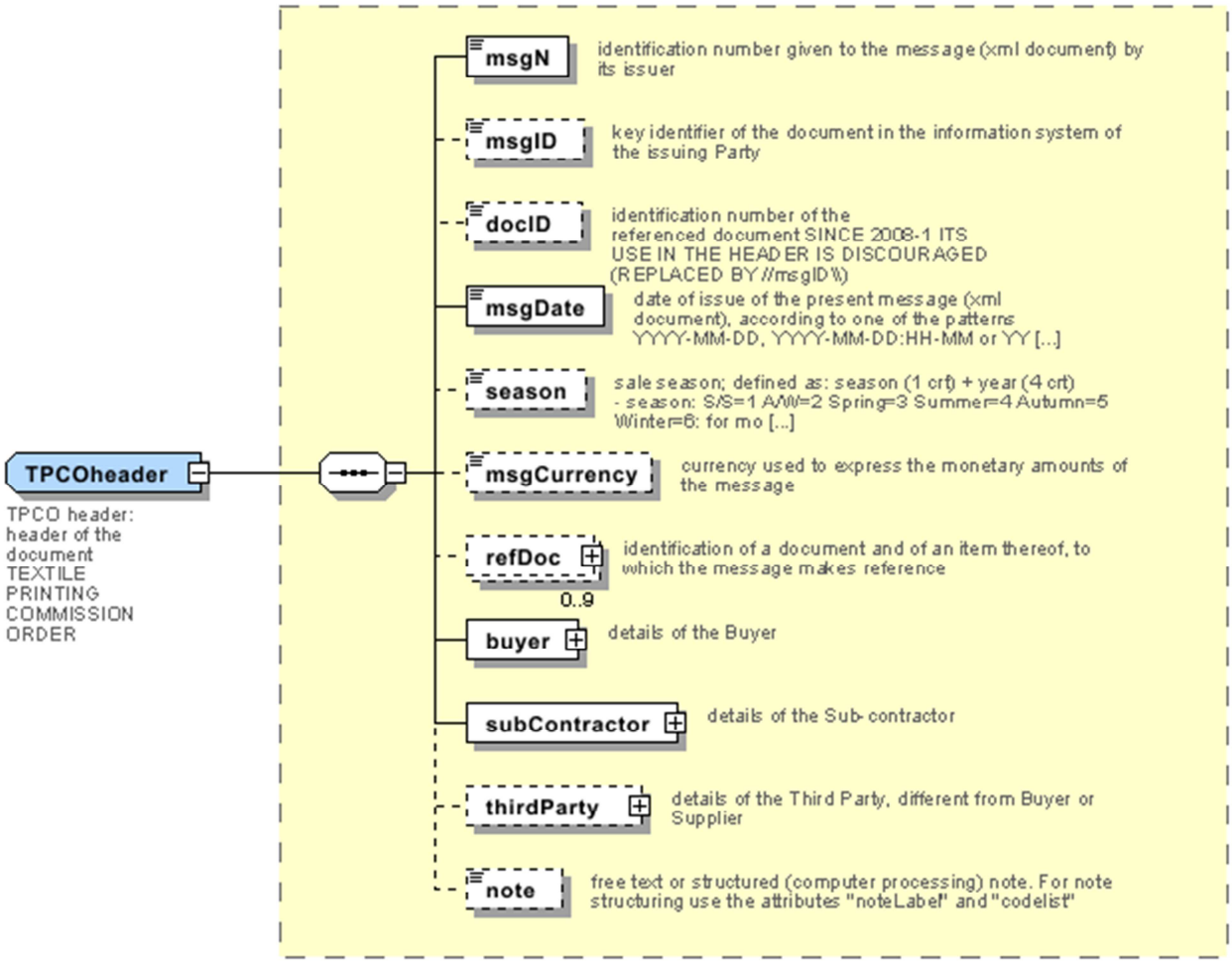
Annex A

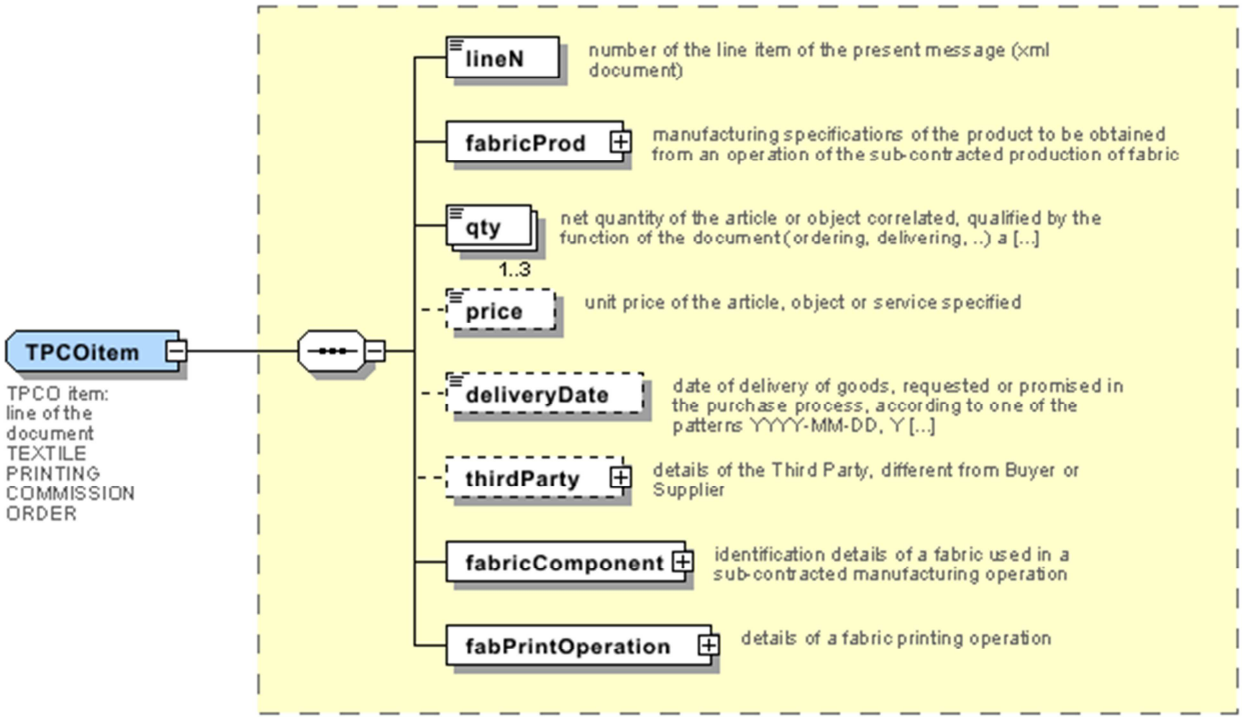
Representative images of the principal complex elements' structure.

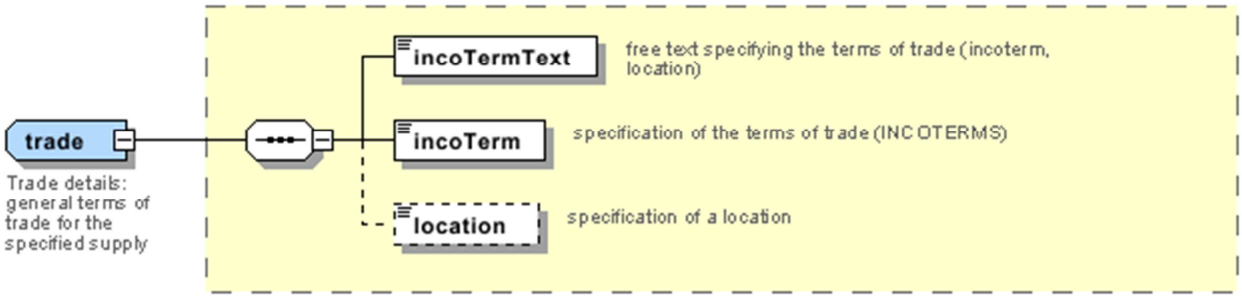







TPCOheader
TPCO header: header of the document TEXTILE PRINTING COMMISSION ORDER
msgN
identification number given to the message (xml document) by its issuer
msgID
key identifier of the document in the information system of the issuing Party
docID
identification number of the referenced document SINCE 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 [...]
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 [...]
msgCurrency
currency used to express the monetary amounts of the message
refDoc
0..9
identification of a document and of an item thereof, to which the message makes reference
buyer
details of the Buyer
subContractor
details of the Sub-contractor
thirdParty
details of the Third Party, different from Buyer or Supplier
note
free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist"


TPCOitem
TPCO item: line of the document TEXTILE PRINTING COMMISSION ORDER
lineN
number of the line item of the present message (xml document)
fabricProd
manufacturing specifications of the product to be obtained from an operation of the sub-contracted production of fabric
qty
1..3
net quantity of the article or object correlated, qualified by the function of the document (ordering, delivering, ..) a [...]
price
unit price of the article, object or service specified
deliveryDate
date of delivery of goods, requested or promised in the purchase process, according to one of the patterns YYYY-MM-DD, Y [...]
thirdParty
details of the Third Party, different from Buyer or Supplier
fabricComponent
identification details of a fabric used in a sub-contracted manufacturing operation
fabPrintOperation
details of a fabric printing operation


trade
Trade details: general terms of trade for the specified supply
incoTermText
free text specifying the terms of trade (incoterm, location)
incoTerm
specification of the terms of trade (INCOTERMS)
location
specification of a location