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## IMPLEMENTATION GUIDE TRANSACTION "WEAVING OFFER"

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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 "WEAVING OFFER", providing all the instruction required for its use in the context of ecommerce between 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 Offer is used by a Subcontractor to respond to the Request of a Fabric Producer for the weaving of a yarn.
The Offer is structured in four levels:
Macro-type of Work offered = document root (7 types of Request)
Product Family = document qualifier (type of product with reference to the manufacturing process; e.g.: combed yarn, jacquard weaved fabric, ..)
Product Specifications = "xxxSpecs" (technical characteristics and properties of the product)
Operations offered = "XXXMnfrOperation" (details of the works requested)
Quantities, unit measures and prices must be referred to the third level (Line Item)

### 1.3. Possible scenario



## 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

## TEXWeaveOffer

@msgfunction [Optional] [Default= OR]
@fabProcQualifier [Required]
@version [Optional] [Default= 2013-1]
@useProfile [Optional]
| OFheader 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
| validityStart 0-1
@ @dateForm [Optional]
validityEnd 1-1
@dateForm [Optional]
| refDoc 1-9
@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
    choose -
    supplier 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
    or -
    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
    end choose -
    note 0-19
    @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 -
            dtScheme 0-1
        @taxType [Required]
            | taxCategory 0-1
            | taxRate 0-1
            | legalRef 0-1
            | @codeList [Required]
            | note 0-19
            @numberingOrg [Optional]
            @codeList [Optional]
            @noteLabel [Optional]
```


## TWOFbody 1-1

```
TWOFitem 1-unbounded
@act [Required]
lineN 1-1
@VAT [Optional]
refDoc 1-1
@docType [Required]
| docID 1-2
| @numberingOrg [Optional]
| docDate 0-1
| @dateForm [Optional]
| season 0-1
| itemID 0-1
fabricCompos 0-1
percCompos 1-9
| @fibre [Required]
construction 0-1
| fabricWeightM 1-1
```

| @um [Optional] [Default= GRM]
| fabricWeightM2 0-1
| @um [Optional] [Default= GRM]
| fabricWidth 0-1
| @um [Optional] [Default= CMT]
| fabricCutWidth 0-1
| @um [Optional] [Default= CMT]
| pieceLength 0-1
| @um [Optional] [Default= MTR]
| weave 0-1
| warpCount 0-9
| @method [Optional] [Default= ISO-2060]
| @fibre [Optional]
| weftCount 0-9
| @method [Optional] [Default= ISO-2060]
| @fibre [Optional]
| warpEndsN 0-1
| weftEndsN 0-1
| bowingWarp 0-1
| @method [Optional]
| bowingWeft 0-1
| @method [Optional]
| checksFlaw 0-1
| @method [Optional]
| weftDev 0-1
| @method [Optional]
| resin 0-1
fabricSpecs 0-9

- choose -
fabricCharText 1-1
- or -
| | fabricChar 1-1
- end choose -
specValue 0-1
@um [Optional]
@source [Optional]
@method [Optional]
@ @application [Optional]
| @CV [Optional]
- choose -
tolerance 0-2
@um [Required]
- or -
pcTolerance 0-2
@um [Optional]
- end choose -
qty 1-2
@um [Required]
price 1-1
@um [Optional]
@priceQualifier [Optional] [Default= NET]
deliveryDate 1-1
@dateForm [Optional]
notBeforeDate 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
fabMnfrOperation 1-9
choose -
jobName 1-1
-or -
| texJob 1-1
- end choose -
texJobTech 0-9
refDoc 0-1
@docType [Required]
docID 1-2
@numberingOrg [Optional]
docDate 0-1
@dateForm [Optional]
season 0-1
| itemID 0-1
texMachine 0-1
texMachineSpecs 0-9
texMachineParam 1-1
specValue 0-1
@um [Optional]
@source [Optional]
@method [Optional]
| @application [Optional]
@CV [Optional]
    - choose -
    | pcTolerance 0-2
                                    @um [Optional]
    or -
        tolerance 0-2
        @um [Required]
        end choose -
        note 0-19
        @numberingOrg [Optional]
        @codeList [Optional]
        @noteLabel [Optional]
    note 0-19
    @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 <br> (XPath: TEXWeaveOffer/terms/allowanceCharge) 0-9 |
| :--- | :--- |
| buyer | details of the Buyer <br> - base type: Nad, <br> (XPath: TEXWeaveOffer/OFheader/buyer) 1-1 |
| construction | construction data and features included in the technical sheet of the <br> fabric article <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction) 0-1 |
| dtScheme | set of data usable to declare the duty or tax applied <br> (XPath: TEXWeaveOffer/terms/allowanceCharge/dtScheme) 0-1 |
| fabMnfrOperation | details of a manufacturing operation used for fabric production <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation) 1-9 |
| fabricCompos | composition of the fabric according to the Directory 97/37/CE <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricCompos) 0-1 |
| fabricSpecs | technical characteristics of fabric, linked either to an operation of <br> subcontracted production or to the purchase <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricSpecs) 0-9 |
| insPayment | payment details for payment by installments <br> (XPath: TEXWeaveOffer/terms/insPayment) 0-5 <br> - note: excluded the case of offers, this set of data is alternative to <br> payment set and must be iterated for each payment installment |
| subContractor | details of the Sub-contractor <br> OFheader <br> payment <br> header of the document OFFER <br> (XPath: TEXWeaveOffer/OFheader) 1-1 |
| payment details for payment all in one <br> (XPath: TEXWeaveOffer/terms/payment) 0-5 <br> - note: excluded the case of offers, this set of data is alternative to <br> insPayment, it can be iterated to specify alternative terms of payment <br> (e.g.: 60 days or 30 days with 3\% discount) |  |
| (referenced |  |


|  | - base type: Nad, <br> (XPath: TEXWeaveOffer/OFheader/subContractor) 1-1 |
| :--- | :--- |
| supplier | details of the Supplier <br> - base type: Nad, <br> (XPath: TEXWeaveOffer/OFheader/supplier) 1-1 |
| terms | details of the commercial obligations for payment and delivery <br> (XPath: TEXWeaveOffer/terms) 0-1 |
| texMachineSpecs | technical specifications of a machine used in an operation of a work <br> cycle for fabric (type and settings) <br> (XPath: <br> TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/texMachineSpecs) <br> 0-9 |
| thirdParty | details of the Third Party, different from Buyer or Supplier <br> - base type: Nad, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty) 0-1 |
| trade | general terms of trade for the specified supply <br> (XPath: TEXWeaveOffer/terms/trade) 0-1 |
| transInfo | details of transport: mode, carrier and delivery place <br> (XPath: TEXWeaveOffer/terms/transInfo) 0-1 |
| TWOFbody | body of the document OFFER OF WEAVING <br> (XPath: TEXWeaveOffer/TWOFbody) 1-1 |
| TWOFitem | line of the document OFFER OF WEAVING <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem) 1-unbounded |

### 2.2.2 Simple elements (Basic Business Information Entities)

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

| AC_amount | amount of an Allowance or Charge <br> - base type: decimal, fraction digits: 2, <br> (XPath: TEXWeaveOffer/terms/allowanceCharge/AC_amount) 1-1 |
| :---: | :---: |
| AC_category | coded specification of an Allowance or Charge <br> - base type: string, cod. table: T41 <br> http://www.moda-ml.net/moda-m/repository/codelist/v2013-1/gc_T41.xm/ (XPath: TEXWeaveOffer/terms/allowanceCharge/AC_category) 1-1 |
| AC_categoryText | free text description of an Allowance or Charge - base type: string, max length: 70, <br> (XPath: TEXWeaveOffer/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: TEXWeaveOffer/terms/allowanceCharge/AC_percent) 1-1 |
| @act | action performed by the present line upon the referenced document line <br> - base type: string, cod. table: NT5 <br> http://www.moda-ml.net/moda-m//repository/codelist/v2013-1/gc_NT5.xml <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/@act) [Required] |
| @application | force or similar condition (e.g. no. of revolutions) applied in a test as specified within the standard <br> - base type: string, max length: 15, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricSpecs/ |


|  | specValue/@application) [Optional] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ texMachineSpecs/specValue/@application) [Optional] |
| :---: | :---: |
| bowingWarp | warp bowing <br> - base type: decimal, min inclusive: 0, <br> (XPath: <br> TEXWeaveOffer/TWOFbody/TWOFitem/construction/bowingWarp) 0-1 |
| bowingWeft | weft bowing <br> - base type: decimal, min inclusive: 0 , <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/bowingWeft) 0-1 |
| carrier | identification of the transport carrier - base type: string, max length: 40, (XPath: TEXWeaveOffer/terms/transInfo/carrier) 0-1 |
| checksFlaw | flaw in checks <br> - base type: decimal, min inclusive: 0, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/checksFlaw) 0-1 |
| city | name of the city (town, village) <br> - base type: string, max length: 40, <br> (XPath: TEXWeaveOffer/OFheader/supplier/city) 0-1 <br> (XPath: TEXWeaveOffer/OFheader/buyer/city) 0-1 <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/city) 0-1 <br> (XPath: TEXWeaveOffer/OFheader/subContractor/city) 0-1 |
| @codeList | it specifies the URL where the list of codes used to make an instance of the element can be found <br> - base type: string, max length: 255, <br> (XPath: TEXWeaveOffer/OFheader/note/@codeList) [Optional] <br> - nota: must be used to provide (URL) the list of codes used in "noteLabel" <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ note/@codeList) [Optional] <br> - nota: must be used to provide (URL) the list of codes used in "noteLabel" <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/note/@codeList) <br> [Optional] <br> - nota: must be used to provide (URL) the list of codes used in "noteLabel" <br> (XPath: TEXWeaveOffer/terms/allowanceCharge/dtScheme/ legalRef/@codeList) [Required] <br> (XPath: <br> TEXWeaveOffer/terms/allowanceCharge/dtScheme/note/@codeList) [Optional] <br> - nota: must be used to provide (URL) the list of codes used in "noteLabel" |
| country | code of the nation <br> - base type: string, cod. table: T10 <br> http://www.moda-ml.net/moda-m//repository/codelist/v2013-1/gc_T10.xml (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/country) 0-1 <br> (XPath: TEXWeaveOffer/OFheader/subContractor/country) 0-1 <br> (XPath: TEXWeaveOffer/OFheader/supplier/country) 0-1 <br> (XPath: TEXWeaveOffer/OFheader/buyer/country) 0-1 |
| @CV | coefficient of variation (CV) of a measurement <br> - base type: decimal, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ texMachineSpecs/specValue/@CV) [Optional] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricSpecs/ specValue/@CV) [Optional] |

$\left.\begin{array}{|l|l|}\hline \text { @dateForm } & \begin{array}{l}\text { format used for the date } \\ \text { - base type: string, cod. table: NT29 } \\ \text { http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT29.xm/ } \\ \text { (XPath: TEXWeaveOffer/OFheader/validityStart/@dateForm) [Optional] } \\ \text { (XPath: TEXWeaveOffer/OFheader/msgDate/@dateForm) [Optional] } \\ \text { (XPath: } \\ \text { TEXWeaveOffer/TWOFbody/TWOFitem/deliveryDate/@dateForm) } \\ \text { [Optional] } \\ \text { (XPath: } \\ \text { TEXWeaveOffer/TWOFbody/TWOFitem/notBeforeDate/@dateForm) } \\ \text { lOptional] } \\ \text { (XPath: TEXWeaveOffer/OFheader/validityEnd/@dateForm) [Optional] } \\ \text { (XPath: } \\ \text { TEXWeaveOffer/TWOFbody/TWOFitem/refDoc/docDate/@dateForm) } \\ \text { [Optional] } \\ \text { (XPath: TEXWeaveOffer/OFheader/refDoc/docDate/@dateForm) } \\ \text { [Optional] } \\ \text { (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ } \\ \text { refDoc/docDate/@dateForm) [Optional] }\end{array} \\ \hline \text { deliveryDate } & \begin{array}{l}\text { date of delivery of goods, requested or promised in the purchase } \\ \text { process, according to one of the patterns YYYY-MM-DD, YYYY- } \\ \text { MM-DD:HH-MM or YYYY-WW. }\end{array} \\ \hline \text { @ base type: string, } \\ \text { (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/deliveryDate) 1-1 }\end{array}\right\}$

|  | TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/person/@email) [Optional] <br> (XPath: TEXWeaveOffer/OFheader/buyer/person/@email) [Optional] (XPath: TEXWeaveOffer/OFheader/subContractor/person/@email) [Optional] <br> (XPath: TEXWeaveOffer/OFheader/supplier/person/@email) [Optional] |
| :---: | :---: |
| @fabProcQualifier | type of fabric with reference to the manufacturing process - base type: string, cod. table: NT32 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT32.xml (XPath: TEXWeaveOffer/@fabProcQualifier) [Required] |
| 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 <br> http://www.moda-ml.net/moda-m/repository/codelist/v2013-1/gc_T13.xm/ (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricSpecs/fabricChar) 1-1 |
| fabricCharText | free text describing the physical or mechanical parameter used to define a "technical characteristic of the fabric" <br> - base type: string, max length: 40, <br> (XPath: <br> TEXWeaveOffer/TWOFbody/TWOFitem/fabricSpecs/fabricCharText) 1-1 |
| fabricCutWidth | usable width of the fabric (for garments manufacturing) as technical specification <br> - base type: decimal, min inclusive: 0 , fraction digits: 2, (XPath: <br> TEXWeaveOffer/TWOFbody/TWOFitem/construction/fabricCutWidth) 0-1 |
| fabricWeightM | weight per metre of the fabric as technical specification <br> - base type: decimal, min inclusive: 0 , fraction digits: 2 , (XPath: <br> TEXWeaveOffer/TWOFbody/TWOFitem/construction/fabricWeightM) 1-1 |
| fabricWeightM2 | weight per square metre of the fabric as technical specification - base type: decimal, min inclusive: 0 , fraction digits: 2, (XPath: <br> TEXWeaveOffer/TWOFbody/TWOFitem/construction/fabricWeightM2) 0-1 |
| fabricWidth | width of the fabric as technical specification <br> - base type: decimal, min inclusive: 0 , fraction digits: 2 , <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/fabricWidth) 0-1 |
| @fax | fax number of the contact person within a Party - base type: string, max length: 35, <br> (XPath: TEXWeaveOffer/OFheader/supplier/person/@fax) [Optional] (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/person/@fax) <br> [Optional] <br> (XPath: TEXWeaveOffer/OFheader/buyer/person/@fax) [Optional] <br> (XPath: TEXWeaveOffer/OFheader/subContractor/person/@fax) [Optional] |
| @fibre | type of fibre used in a textile product - base type: string, cod. table: T19 http://www.moda-ml.net/moda-m/repository/codelist/v2013-1/gc_T19.xml (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricCompos/ percCompos/@fibre) [Required] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/ weftCount/@fibre) [Optional] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/ warpCount/@fibre) [Optional] |
| @finDiscount | financial discount applied for payment by the date specified - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, |


|  | (XPath: TEXWeaveOffer/terms/payment/@finDiscount) [Optional] |
| :--- | :--- |
| @finSurcharge | financial surcharge applied for payment after the date specified <br> - base type: decimal, min inclusive: 0, max inclusive: 100, fraction <br> digits: 2, <br> (XPath: TEXWeaveOffer/terms/payment/@finSurcharge) [Optional] |
| grossWeight | the gross weight of the overall goods supply, declared for transport <br> or customs purpose <br> - base type: decimal, min inclusive: 0, fraction digits: 2, <br> (XPath: TEXWeaveOffer/terms/transInfo/grossWeight) 0-1 |
| id | primary identification code of a Party; it is recommended the <br> format: nation code (ISO 3166) + VAT identification number (11 <br> crt), with the qualifier "numberingOrg"= MF |
| - base type: string, max length: 15, |  |
| (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/id) 1-1 |  |
| (XPath: TEXWeaveOffer/OFheader/subContractor/id) 1-1 |  |
| (XPath: TEXWeaveOffer/OFheader/supplier/id) 1-1 |  |
| (XPath: TEXWeaveOffer/OFheader/buyer/id) 1-1 |  |


| @LRI | attribute usable to format a string according to a customized User rule (local rule) <br> - base type: string, cod. table: NT3 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT3.xml <br> (XPath: TEXWeaveOffer/terms/trade/location/@LRI) [Optional] |
| :---: | :---: |
| @method | standard protocol or method employed in a test to evaluate a characteristic or a parameter <br> - base type: string, max length: 25, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/ weftDev/@method) [Optional] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/ checksFlaw/@method) [Optional] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ texMachineSpecs/specValue/@method) [Optional] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricSpecs/ specValue/@method) [Optional] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/ weftCount/@method) [Optional] [Default= ISO-2060] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/ warpCount/@method) [Optional] [Default= ISO-2060] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/ bowingWeft/@method) [Optional] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/ bowingWarp/@method) [Optional] |
| 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. <br> - base type: string, <br> (XPath: TEXWeaveOffer/OFheader/msgDate) 1-1 |
| @msgfunction | function performed by the present message with regards to the transmission <br> - base type: string, cod. table: NT18 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT18.xml <br> (XPath: TEXWeaveOffer/@msgfunction) [Optional] [Default= OR] |
| msgID | key identifier of the document in the information system of the issuing Party <br> - base type: string, max length: 35, <br> (XPath: TEXWeaveOffer/OFheader/msgID) 0-1 |
| msgN | identification number given to the message (xml document) by its issuer <br> - base type: string, max length: 35, <br> (XPath: TEXWeaveOffer/OFheader/msgN) 1-1 |
| netWeight | the net weight of the overall goods supply, declared for transport or customs purpose <br> - base type: decimal, min inclusive: 0, fraction digits: 2, <br> (XPath: TEXWeaveOffer/terms/transInfo/netWeight) 0-1 |
| notBeforeDate | earliest date possible to beguin an activity, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. <br> - base type: string, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/notBeforeDate) 0-1 |
| note | free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist" <br> - base type: string, max length: 350, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/note) 0-19 <br> (XPath: TEXWeaveOffer/OFheader/note) 0-19 <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/note) <br> 0-19 <br> (XPath: TEXWeaveOffer/terms/allowanceCharge/dtScheme/note) 0-19 |


| @noteLabel | subject qualifier of a note <br> - base type: string, max length: 35, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/note/@noteLabel) <br> [Optional] <br> - nota: must be used to qualify the subject of the note <br> (XPath: <br> TEXWeaveOffer/terms/allowanceCharge/dtScheme/note/@noteLabel) <br> [Optional] <br> - nota: must be used to qualify the subject of the note <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ note/@noteLabel) [Optional] <br> - nota: must be used to qualify the subject of the note <br> (XPath: TEXWeaveOffer/OFheader/note/@noteLabel) [Optional] <br> - 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 <br> - base type: string, cod. table: NT6 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT6.xml <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ note/@numberingOrg) [Optional] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ refDoc/docID/@numberingOrg) [Optional] <br> - nota: here can be specified whose document numbering is used <br> (e.g.: Client, Supplier, ..) <br> (XPath: <br> TEXWeaveOffer/TWOFbody/TWOFitem/refDoc/docID/@numberingOrg) <br> [Optional] <br> - nota: here can be specified whose document numbering is used <br> (e.g.: Client, Supplier, ..) <br> (XPath: <br> TEXWeaveOffer/terms/allowanceCharge/dtScheme/note/@numberingOrg) <br> [Optional] <br> (XPath: TEXWeaveOffer/OFheader/subContractor/id/@numberingOrg) <br> [Optional] <br> (XPath: <br> TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/id/@numberingOrg) [Optional] <br> (XPath: TEXWeaveOffer/OFheader/docID/@numberingOrg) [Optional] <br> - nota: here can be specified whose document numbering is used <br> (e.g.: Client, Supplier, ..) <br> (XPath: TEXWeaveOffer/OFheader/buyer/id/@numberingOrg) [Optional] <br> (XPath: TEXWeaveOffer/OFheader/supplier/id/@numberingOrg) [Optional] <br> (XPath: TEXWeaveOffer/OFheader/refDoc/docID/@numberingOrg) <br> [Optional] <br> - nota: here can be specified whose document numbering is used <br> (e.g.: Client, Supplier, ..) <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/note/@numberingOrg) <br> [Optional] <br> (XPath: TEXWeaveOffer/OFheader/note/@numberingOrg) [Optional] |
| @part | percent fraction of a total payment <br> - base type: decimal, min inclusive: 1, max inclusive: 99, fraction digits: 2, <br> (XPath: TEXWeaveOffer/terms/insPayment/@part) [Required] <br> - nota: here the \% value of each installment must be indicated |
| payMode | way or means of payment <br> - base type: string, cod. table: T2 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T2.xml <br> (XPath: TEXWeaveOffer/terms/payment/payMode) 0-1 <br> (XPath: TEXWeaveOffer/terms/insPayment/payMode) 0-1 |
| payTerm | code specifying the terms or time by which the payment must be done <br> - base type: string, cod. table: T1 |


|  | http://www.moda-ml.net/moda-m/repository/codelist/v2013-1/gc_T1.xml (XPath: TEXWeaveOffer/terms/insPayment/payTerm) 1-1 (XPath: TEXWeaveOffer/terms/payment/payTerm) 1-1 |
| :---: | :---: |
| payTermText | free text specifying the terms by which the payment must be done (time/mode or means) <br> - base type: string, max length: 40, <br> (XPath: TEXWeaveOffer/terms/insPayment/payTermText) 1-1 <br> (XPath: TEXWeaveOffer/terms/payment/payTermText) 1-1 |
| pcTolerance | percent deviation tolerated on the value of a measurement (it must have a plus or minus sign) <br> - base type: decimal, min inclusive: 0, max inclusive: 100, total digits: 2, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricSpecs/pcTolerance) 0-2 <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ texMachineSpecs/pcTolerance) 0-2 |
| percCompos | fiber rate in the product composition <br> - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2 , <br> (XPath: <br> TEXWeaveOffer/TWOFbody/TWOFitem/fabricCompos/percCompos) 1-9 |
| person | name of the contact person within a Party <br> - base type: string, max length: 40, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/person) 0-1 <br> (XPath: TEXWeaveOffer/OFheader/buyer/person) 0-1 <br> (XPath: TEXWeaveOffer/OFheader/supplier/person) 0-1 <br> (XPath: TEXWeaveOffer/OFheader/subContractor/person) 0-1 |
| @phone | phone number of the contact person within a Party <br> - base type: string, max length: 35, <br> (XPath: TEXWeaveOffer/OFheader/subContractor/person/@phone) <br> [Optional] <br> (XPath: TEXWeaveOffer/OFheader/buyer/person/@phone) [Optional] <br> (XPath: <br> TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/person/@phone) <br> [Optional] <br> (XPath: TEXWeaveOffer/OFheader/supplier/person/@phone) [Optional] |
| pieceLength | length of the piece <br> - base type: decimal, min inclusive: 0 , fraction digits: 2 , <br> (XPath: <br> TEXWeaveOffer/TWOFbody/TWOFitem/construction/pieceLength) 0-1 |
| postCode | code defining the postal zone <br> - base type: string, max length: 10, <br> (XPath: TEXWeaveOffer/OFheader/supplier/postCode) 0-1 <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/postCode) 0-1 <br> (XPath: TEXWeaveOffer/OFheader/buyer/postCode) 0-1 <br> (XPath: TEXWeaveOffer/OFheader/subContractor/postCode) 0-1 |
| price | unit price of the article, object or service specified base type: decimal, min inclusive: 0 , fraction digits: 2 , (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/price) 1-1 |
| @priceQualifier | type of price with reference to discount and taxes <br> - base type: string, cod. table: NT20 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT20.xml <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/price/@priceQualifier) <br> [Optional] [Default= NET] |
| 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: TEXWeaveOffer/TWOFbody/TWOFitem/qty) 1-2 |
| :---: | :---: |
| resin | resin (coating) percentage in finished weight - base type: decimal, min inclusive: 0, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/resin) 0-1 |
| @role | Third Party role qualifier <br> - base type: string, cod. table: NT2 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT2.xml (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/@role) [Required] |
| season | sale season; defined as: season (1 crt) + year (4 crt) - season: $S / S=1 A / W=2$ Spring=3 Summer=4 Autumn=5 Winter=6: for more than four seasons use alphabetic sequence: 1st season=A 2nd season=B etc.etc. <br> - base type: string, max length: 15, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ refDoc/season) 0-1 <br> - note: here indicates the season to which the referenced document belongs <br> (XPath: TEXWeaveOffer/OFheader/refDoc/season) 0-1 <br> - note: here indicates the season to which the referenced document belongs <br> (XPath: TEXWeaveOffer/OFheader/season) 0-1 <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/refDoc/season) 0-1 <br> - note: here indicates the season to which the referenced document belongs |
| @sender | qualifier that specifies the Party issuing of the document <br> - base type: boolean, <br> (XPath: TEXWeaveOffer/OFheader/subContractor/@sender) [Optional] <br> - nota: This attibute is mandatory when the STYLESHEET must be produced <br> (XPath: TEXWeaveOffer/OFheader/buyer/@sender) [Optional] <br> - nota: This attibute is mandatory when the STYLESHEET must be produced <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/@sender) <br> [Optional] <br> - nota: This attibute is mandatory when the STYLESHEET must be produced <br> (XPath: TEXWeaveOffer/OFheader/supplier/@sender) [Optional] <br> - nota: This attibute is mandatory when the STYLESHEET must be produced |
| @source | party who has provided the data <br> - base type: string, cod. table: NT12 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT12.xml (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ texMachineSpecs/specValue/@source) [Optional] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricSpecs/ specValue/@source) [Optional] |
| specValue | value requested for a property or a parameter that is measured <br> - base type: decimal, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ texMachineSpecs/specValue) 0-1 <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricSpecs/specValue) 0-1 |
| street | street and building number identifying a location - base type: string, max length: 80, <br> (XPath: TEXWeaveOffer/OFheader/subContractor/street) 0-1 <br> (XPath: TEXWeaveOffer/OFheader/buyer/street) 0-1 <br> (XPath: TEXWeaveOffer/OFheader/supplier/street) 0-1 |


|  | (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/street) 0-1 |
| :---: | :---: |
| subCountry | short name or code of the sub-country entity <br> - base type: string, max length: 9, <br> (XPath: TEXWeaveOffer/OFheader/supplier/subCountry) 0-1 <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/subCountry) 01 <br> (XPath: TEXWeaveOffer/OFheader/buyer/subCountry) 0-1 <br> (XPath: TEXWeaveOffer/OFheader/subContractor/subCountry) 0-1 |
| taxCategory | duty or tax or fee category <br> - base type: string, cod. table: T62 <br> http://www.moda-ml.net/moda-m/repository/codelist/v2013-1/gc_T62.xml <br> (XPath: TEXWeaveOffer/terms/allowanceCharge/dtScheme/taxCategory) <br> 0-1 |
| taxRate | duty or tax or fee percent rate <br> - base type: string, <br> (XPath: TEXWeaveOffer/terms/allowanceCharge/dtScheme/taxRate) 0-1 |
| @taxType | duty or tax or fee type <br> - base type: string, cod. table: T61 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T61.xml <br> (XPath: TEXWeaveOffer/terms/allowanceCharge/dtScheme/@taxType) <br> [Required] |
| texJob | operation of a work cycle for fabric <br> - base type: string, cod. table: T202 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T202.xml <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/texJob) 1-1 |
| texJobTech | operation technology for fabric <br> - base type: string, cod. table: T262 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T262.xm/ (XPath: <br> TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/texJobTech) 09 |
| texMachine | machine used in an operation of a work cycle for fabric <br> - base type: string, cod. table: T272 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T272.xm/ (XPath: <br> TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/texMachine) 01 |
| texMachineParam | setting parameter of a machine used in an operation of a work cycle for fabric <br> - base type: string, cod. table: T282 <br> http://www.moda-ml.net/moda-m/repository/codelist/v2013-1/gc_T282.xml <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ texMachineSpecs/texMachineParam) 1-1 |
| tolerance | deviation tolerated on the value of a measurement (it must have a plus or minus sign) <br> - base type: decimal, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricSpecs/tolerance) 02 <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ texMachineSpecs/tolerance) 0-2 |
| transCondition | special condition of transport or special service requested to the Forwarder <br> - base type: string, cod. table: T38 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T38.xml <br> (XPath: TEXWeaveOffer/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: TEXWeaveOffer/terms/transInfo/transConditionText) 0-1 |
| :---: | :---: |
| transMeans | means of transport, in general or referred to a specific leg - base type: string, cod. table: T40 <br> http://www.moda-ml.net/moda-m/repository/codelistv2013-1/gc_T40.xml (XPath: TEXWeaveOffer/terms/trans/nfo/transMeans) 0-1 |
| transMode | way of transport, in general or referred to the specified leg - base type: string, cod. table: T8 http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T8.xml (XPath: TEXWeaveOffer/terms/transInfo/transMode) 1-1 |
| @transReason | reason for the transport <br> - base type: string, cod. table: NT11 <br> http://www.moda-ml.net/moda-m//repository/codelist/v2013-1/gc_NT11.xml (XPath: TEXWeaveOffer/terms/transInfo/@transReason) [Optional] |
| @um | specification of the unit of measure <br> - base type: string, cod. table: NT7 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT7.xml <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ texMachineSpecs/tolerance/@um) [Required] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ texMachineSpecs/specValue/@um) [Optional] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabMnfrOperation/ texMachineSpecs/pcTolerance/@um) [Optional] <br> - nota: to be used when it has to be soecified if the declared percentage is by weight, volume, etc... <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/ fabricCutWidth/@um) [Optional] [Default= CMT] <br> (XPath: TEXWeaveOffer/terms/transInfo/netWeight/@um) [Required] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricSpecs/ specValue/@um) [Optional] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/ fabricWeightM2/@um) [Optional] [Default= GRM] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/ fabricWeightM/@um) [Optional] [Default= GRM] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/ fabricWidth/@um) [Optional] [Default= CMT] <br> (XPath: TEXWeaveOffer/terms/transInfo/grossWeight/@um) [Required] (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/qty/@um) [Required] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/price/@um) [Optional] <br> - nota: Unit of measure of the product to which the price is referred (price per meter) <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/ pieceLength/@um) [Optional] [Default= MTR] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricSpecs/ tolerance/@um) [Required] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/fabricSpecs/ pcTolerance/@um) [Optional] <br> - nota: to be used when it has to be soecified if the declared percentage is by weight, volume, etc... |
| @useProfile | use profile to which the present document if compliant if it was agreed by the parties. It is suggested a URI with reference to the firms or the URL of the profile. <br> - base type: string, <br> (XPath: TEXWeaveOffer/@useProfile) [Optional] |
| validityEnd | date by which the validity ends, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. <br> - base type: string, <br> (XPath: TEXWeaveOffer/OFheader/validityEnd) 1-1 |


| validityStart | date by which the validity starts, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. <br> - base type: string, <br> (XPath: TEXWeaveOffer/OFheader/validityStart) 0-1 |
| :---: | :---: |
| @VAT | VAT rate or code ( deprecated, use dtScheme element ) - base type: string, cod. table: NT16 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT16.xmI <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/thirdParty/@VAT) <br> [Optional] <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/lineN/@VAT) [Optional] <br> (XPath: TEXWeaveOffer/terms/allowanceCharge/@VAT) [Optional] |
| @version | Dictionary version from which the instance has been created - base type: string, cod. table: NT100 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_NT100.xml (XPath: TEXWeaveOffer/@version) [Optional] [Default= 2013-1] |
| warpCount | ```measure of thinness of the warp thread - base type: string, max length: 10, (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/warpCount) 0-9``` |
| warpEndsN | number of warp threads in 1 centimetre <br> - base type: decimal, min inclusive: 0 , fraction digits: 1 , <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/warpEndsN) 0-1 |
| weave | type of weaving used in the manufacturing of fabric <br> - base type: string, cod. table: T17 <br> http://www.moda-ml.net/moda-ml/repository/codelist/v2013-1/gc_T17.xml <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/weave) 0-1 |
| weftCount | ```measure of thinness of the weft thread - base type: string, max length: 10, (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/weftCount) 0-9``` |
| weftDev | deviation from right angle in weft <br> - base type: decimal, min inclusive: 0, <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/weftDev) 0-1 |
| weftEndsN | number of weft threads in 1 centimetre <br> - base type: decimal, min inclusive: 0 , fraction digits: 1 , <br> (XPath: TEXWeaveOffer/TWOFbody/TWOFitem/construction/weftEndsN) 0-1 |

### 2.3 Enumeration tables

List of enumeration tables used in the XML document. You can find the corresponding codes at: http://www.moda-ml.org/moda-ml/imple/moda-ml-20131.asp?lingua=en\&pag=6

NT100 - eBIZ Moda-ML version
NT11 - transport causal
NT12 - data source
NT16 - VAT rate or code
NT18-message function
NT2 - third party qualifier
NT20 - price qualifier
NT29 - format of a date
NT3 - data format
NT32 - fabric family
NT5 - action code
NT6 - coding system owner/issuer
NT7 - unity of measure
T1 - terms of payment
T10 - ISO3166-Country
T13-CFM properties of fabric
T17 - weave type
T19 - fibre type
T2 - Modes of payment
T202 - type of job on fabric
T21 - type of document
T262 - type of job technology for fabric
T272 - machine type for fabric operation
T282 - parameter type for fabric operation
T3 - terms of delivery
T38 - transport conditions
T40 - type of transport means
T41 - type of Allowance or Charge
T61 - duty or tax or fee type
T62 - duty or tax or fee category
T8 - Modes of Transport

## Annex A

Representative images of the principal complex elements' structure.




