ANIE - FME - ARAME

METEL® PRICE LIST Version 020/021
METEL® BARCODE Version 020/021

Rel. 1.1 rev.14 – January 2014

USER MANUAL
DEFINITIONS

Promoted the Member Companies of
ANIE - FME - ARAME

Developed by
METEL® S.r.l.

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1. THANKS

We must thank the people who at different times from 1999 onwards have been part of the Technical Committee Organization, a working group that has achieved the goal to refine and complete, with the arguments that the third millennium offers us, the work previously played with the project logistics.

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2. Introduction and Corrections

This manual contains the operative definitions regarding the Metel® price list. These definitions have been prepared by the Metel® S.r.l. Technical Committee and approved by the Metel® S.r.l. Board of Directors.

Metel® informs its customers that the previous version of the price list document (version 010) occurred on 31/12/99 effective 1/1/2000. On that same date, the price list described in this document (version 020) became effective.
To clarify, it is intended that the production of the first price list with effective date 1/1/2000 must be created according to the structure described in this manual (version 020).

The Metel® price list is one of the documents included in the Metel® certification process, which calls for the general and analytical control of the data it contains in the structure described in this manual.

The layout and format described in this manual (Rel. 1.1 rev.14– February 2014) have changed in comparison to Rel. 1.1 rev.13 – February 2014.
The changes or additions on Version 020 of Price List and Barcode refer to the additional elements that do not prevent compatibility with the previous version.
With regard to the 021 version of the Price List and Barcode, the changes are related to the introduction of new fields at the end of detail record. So it is varied the structure of detail record and the maximum record length, included the one of header that modify the compatibility with the previous version of this two layouts.

As for recodification layout version 020 the changes refers to the introduction of a new field at the end of detail record. So it is varied the structure of detail record and the maximum record length, included the one of header that modify the compatibility with the previous version of this layout.

Specifically:
- addition of Price List version 021
- on Price List version 021 modified maximum record length both on header and in detail
- on Price List version 021 addition of ELECTROCOD CODE field, BARCODE AND BARCODE QUALIFIER.
- on Barcode version 021 modified EAN CODE fields from 13 numerical characters to 35 alphanumerical characters.
- on Barcode version 021 modified positions of detail record and maximum record length both on header and in detail
- **added annex "Characters Allowed"**

- on recodification layout addition of field "New Brand" and changing of record length both in header and detail section from 59 to 62 characters.
- Modification of indications on Product Status in case of item recoding.

The layout and format described in this manual (Rel. 1.1 rev.13– February 2012) have changed in comparison to Rel. 1.1 rev.12 – January 2012. The changes or additions refer to the additional elements that do not prevent compatibility with the previous version. With regard to the 021 version of the barcode, the changes relate to the length of the PACKAGE BARCODE and the resulting position of the following fields on the detail records, as well as the maximum length of the record, that change the compatibility with the previous version 020.

Specifically:
- on Price List indications updated on Price List Number
- on Price List addition on Product Status of value 4 = new service (non-physical goods) and 5 = Deleted service
- in the Price List addition of sample for ISO VAT NO
- addition of Barcode version 021 for handling of EAN128 in Package Barcode
- on Barcode version 021 added value 5 =EAN128 for BARCODE QUALIFIER
- on Barcode version 021 modified Package Barcode from 14 chrs to 35 chrs
- on Barcode version 021 modified fixed record length from 128 chrs a 149 chrs
- on Barcode version 021 in the header addition of a terminal field FILLER of 21 chrs to reach the fixed lenght of 149 chrs as in the detail section
- Addition of annex B on Completeness Index

The layout and format described in this manual (Rel. 1.1 rev.12 – January 2012) have changed in comparison to Rel. 1.1 rev.11 – November 2011. The changes or additions refer to the additional elements that do not prevent compatibility with the previous version.

Specifically:
- on Price List addition on Product Status of value 8 = non-physical goods (services)
- in the Barcode modified usages on samples for Unit of Measure and Reciprocal fields.
- in the Barcode modified notes on Gross Weight
- in the Barcode on Package type updated usage for value NE=no package and addition of value RL=PVC Reel

The layout and format described in this manual (Rel. 1.1 rev.11 – November 2011) have changed in comparison to Rel. 1.1 rev.10 – March 2011. The changes or additions refer to the additional elements that do not prevent compatibility with the previous version.

Specifically:
In: "Treatment specifications for Cable Sector" addition of information for Bill of Materials
- in the Barcode layout the Package Type Field have been made mandatory.
- in the Barcode layout values and samples for Reciprocal field have been modified.

The layout and format described in this manual (Rel. 1.1 rev.10 – March 2011) have changed in comparison to Rel. 1.1 rev.9 – January 2011. The changes or additions refer to the additional elements that do not prevent compatibility with the previous version.

Specifically:
- the copper change calculation method has been eliminated
- indications related to conventional copper weight have been added
- an annex has been added: "Treatment specification for Cable Sector on Metel price list, order, confirmation and despatch note"
- a field has been added containing the Intrastat code after the Barcode layout

The layout and format described in this manual (Rel. 1.1 rev.9 – January 2011) have changed in comparison to Rel. 1.1 rev.8 – May 2010. The changes or additions refer to the additional elements that do not prevent compatibility with the previous version.

Specifically:
- the Weight Unit of Measurement field has been added after the Barcode layout with relative description and use and correct length of the remaining filler;
- the HEIGHT and MAXIMUM HEIGHT field description has been changed
- Annex_A has been added for specific uses of the cable sector
- the page index has been corrected
- in the Barcode layout the Ean13 Code and Package barcode fields have been made mandatory.

The layout and format described in this manual (Rel. 1.1 rev.8 – May 2010) have changed in comparison to Rel. 1.1 rev.7 – January 2010. The changes or additions refer to the additional elements that do not prevent compatibility with the previous version.

Specifically:
the Conventional copper weight layout has been added after the Barcode layout with relative description and final price calculation method with copper adjustment. The remaining filler length has been corrected.

The layout and format described in this manual (Rel. 1.1 rev.9 – January 2010) have changed in comparison to Rel. 1.1 rev.6 – March 2008. The changes or additions refer to the additional elements that do not prevent compatibility with the previous version.

Specifically:
the PA (Package) and PK (Pack) codes have been added to the Type of packaging field of the Barcode layout.

The structure and format described in this manual (Rel. 1.1 rev. 6 – March 2008) have not changed in comparison to Rel. 1.1 rev. 5 - January 2007. The changes or additions refer to the additional elements that do not prevent compatibility with the previous version.

- The Filler fields (spaces) position in the header has been corrected
- Recommendations have been added for the characters used for the item number and the product description

The structure and format described in this manual (Rel. 1.1 rev. 5 – January 2007) have not changed in comparison to Rel. 1.1 rev. 4 – April 2006. The changes or additions refer to the additional elements that do not prevent compatibility with the previous version. Clarification about the significance of the fields has been added.
Specifically:
- Detailed information has been added for managing the item recodification section.
- Detailed information has been added regarding the format of the characters for the item number field in the price list.
- The VAT number field has been made alphanumerical instead of numerical.
- The field for ISO VAT No. has been added to the price list header.

The structure and format described in this manual (Rel. 1.1 rev. 4 – April 2006) have not changed in comparison to Rel. 1.1 rev. 3 - January 2005. The changes or additions refer to the additional elements that do not prevent compatibility with the previous version. Clarifications have been added for the significance of the fields.
Specifically:
- The effective date of the wholesale price list
- Clarification was added regarding the uniqueness of the price list structure in the Price List Sending paragraph
- Clarification was added regarding the Barcode structure when the package information changes
- Clarification was added regarding the effective date of the lines in the Barcode structure

The structure for WEEE and ROHS handling was added. This document is independent from the price list manual and has only been issued to Metel S.r.l. subscribers.

The structure and format described in this manual (Rel. 1.1 rev. 3 – January 2005) have not changed in comparison to Rel. 1.1 rev. 2 - January 2003. The changes or additions refer to clarifications to the meanings of the fields. Specifically:

- The possibility of generating price lists by parties other than manufacturers of electrical materials has been integrated.
- Update of the certification system with the adoption of the Metel portal.
- The logistic code on the barcode list has been implemented.
- The "net product weight" field on the barcode list has been implemented.
- Additional detailed information has been added regarding the discount range, statistical range, and the section on item recodification.

3. Technical Conventions for Use

The structure of the documents described herein refers to:

a. Price list structure
b. Recodification structure
c. Descriptive table for the discount and statistical ranges
d. Barcode structure

The above listed structures describe ASCII files. The lengths of the records are fixed and each record must end with the carriage return and line feed characters. These last two characters allow the data to be interpreted correctly by any system capable of reading files in a MS-DOS ASCII format.

For indications on Characters Allowed to identify article codes or descriprions, please refer to annex "Characters Allowed " at the end of the manual.

The following table shows the methods for interpretation of the syntax of the fields:

An 99 Alphanumeric, the field must be left aligned and its exact length is expressed by the numerical value 99.

Example:
If we had an alphanumeric field nine characters long and we had to fill it with the string METEL0, we would have:

M	E	T	E	L	0			

Each cell corresponds to one byte. The definition of the field is An 09

A 99 Alphabetical, numbers are not permitted: The field must be left aligned and its exact length is expressed by the numerical value 99.

Example:
If we had an alphabetical field nine characters long and we had to fill it with the string METEL, we would have:

M	E	T	E	L				

Each cell corresponds to one byte. The definition of the field is A 09.

N 99 Whole Numbers, alphabetic characters are not allowed. The field must be right aligned and its exact length is expressed by the numerical value 99. The non-significant bytes must be filled with zeros.

Example:
If we had a whole number field nine characters long and we had to fill it with the string 852, we would have:

0	0	0	0	0	0	8	5	2

Each cell corresponds to one byte. The definition of the field is N 09.

N 99.9 Numbers with Decimals, alphabetic characters are not allowed. The field must be right aligned. The string 99 is the number of the whole numbers plus the decimals that corresponds to the length of the field. The decimal point (.) is used to separate the length of the decimal number numerical field. The non-significant bytes must be filled with zeros. The separation of decimals and whole numbers is expressed implicitly. In other words, the decimal point DOES NOT need to be represented.

Example:
If we had a whole number field nine characters long and we had to fill it with the string 852.67, we would have:

0	0	0	0	8	5	2	6	7

Each cell corresponds to one byte. The definition of the field is N 09.2. The length is 9 bytes, of which two (2) are decimal places.

Dt Date Format, the length of this field is always 8 bytes and alphabetical characters are not allowed. By definition, the date format is always ordered from left to right.

Year Year Month Day

Each data listed must be contained in two bytes. The non-significant bytes must be filled with zeros.

Example:
If we have a date field and we must fill it with the date 28 February 2001, we have:

2	0	0	1	0	2	2	8

All of the fields are associated to an additional code that indicates if the field is mandatory, optional, or conditional. Conditional means that it will be present as a function of the presence of another field. In the sections inherent to the price lists, all of the mandatory and optional fields are dealt with simply. For simplicity and ease of understanding, we will use the same abbreviations used in the EDIFACT Standard.

Mandatory	M (Mandatory)
Optional	O (Optional)
Conditional	C (Conditional)

4. The Price List

This user manual provides the definitions of the rules to follow for the creation and correct use of the Metel® price list by manufacturers and distributors.

The rules listed in the manual are defined in the following areas:

- Formal and relevant controls on the price list
- Correspondence of the computer-based price list to the paper-based price list
- Distribution of the price list
- Names of the Metel® files
- New Metel® abbreviations
- Uniqueness of codes
- Item Recodification
- Discount and Statistic Ranges
- Metel ® Price List and Metel® Barcode Certification

4.1 The Rules

4.1.1 Formal and relevant controls on the price list

Each time a new price list is generated (**new or change**) a series of checks must be performed by the sender/issuer. These controls must be performed:

On a formal level

- All fields must be correctly filled in according to the specifications contained in the attached manual (price list, recodification template, discount/statistics range table, and barcode layout).

On a content level

- Transcription errors (prices, packaging contents, etc.)

And finally:

- To best facilitate certification by Metel® S.r.l. **(for each new price list or change).**
- To minimize the activities for control that the receiver must perform – except for exceptional checks – and the consequent rectification and correction of the data and information sent
- To allow the receiver to best use of all the information contained therein

It is expected that all companies that subscribe to METEL® have price list control software capable of:

- Performing all of the necessary controls on the price list
- Generating a report of the syntax and detail errors found (to facilitate correction operations by the seller and reading by the receiver)

4.1.2 Metel ® Price List and Metel® Barcode Certification

With the certification process, Metel® intends to involve the entire realm of businesses in the industry, providing a decisive contribution to the quality of the exchange of information in electronic format. This manual describes a standard of rules to be followed when implementing the Metel® Standard within the company. The User Manual – Definitions on its own is not sufficient to guarantee that the rules are respected. For this reason, there is a specific point at which analysis and certification of the company procedures and the information provided is necessary.

Certification depends on the documents and the company that creates them. First of all, the rules of syntax must be guaranteed. Secondly, the content must be correct. This means that the analytical value of the information must be evaluated objectively.

This defines Metel®'s role during this phase. It is a laboratory that guarantees and performs all of the phases of the certification process for each documented identified in the User Manual - Definitions.

4.1.2.1 The METEL® Manager

The assignment of a Metel® Manager within the company is of specific interest. This person becomes the point of reference for all developments in later phases. It is important to emphasize that the Metel® Manager is mainly an organizer. This is the person who decides what individuals within the company will be involved, based on the type of certification desired.

4.1.2.2 Characteristics of the Company Metel® Manager

The position of the Metel® Manager within the company is not defined by a specific sector or department as the knowledge required is not the sole responsibility of the computer system, the administration, or the sales department.

The Metel® Manager must be the person who best knows the flow of information within the company and who is responsible for it.

From a technical point of view, the Metel® Manager must be in contact with the data processing centre for the reference and technical support required when necessary. This person must also be familiar with the operative phases and times that are respected by the other managers who issue and collect the information available in the IT system.

This knowledge permits the Metel® Standard to be implemented in the most correct and least invasive manner within the company.

4.1.2.3 METEL® PRICE LIST and BARCODE Document Certification

Using the portal provided by Metel S.r.l. (**see the manual "Price List Communication"**), the Metel® Manager must supply Metel® with the Metel® price list as described in the User Manual – Definitions. The Metel® lab is responsible for checking the syntax of the information following a specific procedure. The lab sends the results of the procedure to the party that issued the price list.

At this point, the Metel® Lab issues the supper ID, who is then Metel® certified in all effects. The name of the company will be entered in the list of certified companies for the price list document (**Metel portal, special printout**).

Companies that do not have EDP support benefit from Metel® consultancy, even on site (excluding travel expenses), as well as analytical and programming support. This allows these companies to reduce their start-up times.

We must emphasize that the sender/issuer must provide Metel® a copy of each new price list for release (using the price list distribution portal). Certification is required for every price list, new or modified, in order to avoid incongruities in the information for the items previously entered.

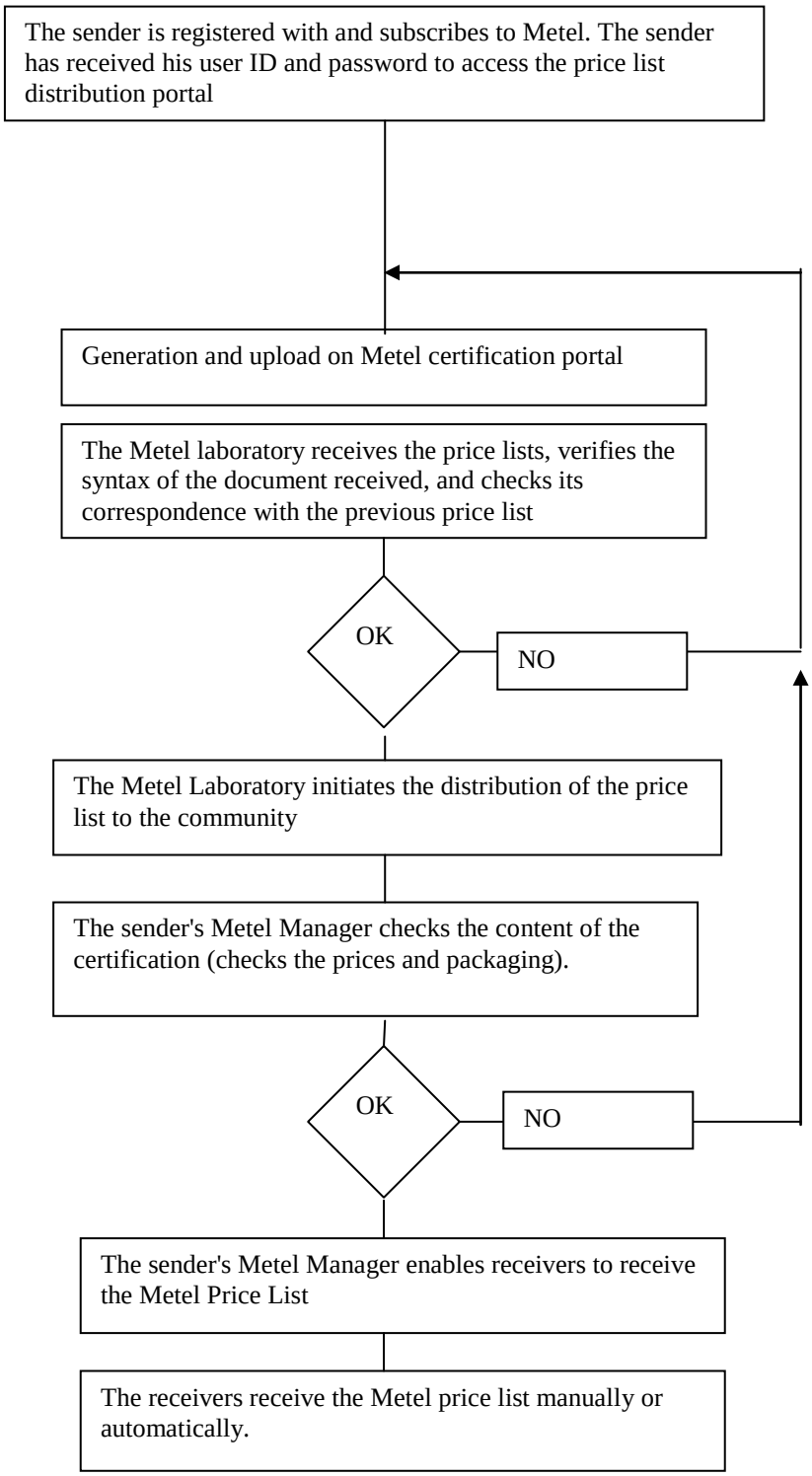
Upon certification, Metel® will provide a PDF file containing the following information:

.Data the price list file was received by Metel
.Date of certification by Metel S.r.l.
.Size of the certified file
. Name of the certified file
. Price List number
. Effective date of the price list
. Date of the last change

If this is a new price list, the date of change and the effective date are the same.

Each price list distributed will be accompanied by a copy of its certification.

Price List Certification Procedure



4.1.3 Correspondence of the Computer-Based Price List to the Paper-Based Price List

For each release of a new price list (new or change), each company must guarantee the correspondence of the format between the computer-based price list file and the paper-based price list. **It is understood that the information presented in the computer-based price list has the primary scope of supplying the database system with data.**

Any time differences arise between the two versions (electronic and paper), for example the item number or the content of the individual rows, an "errata corrige" must be sent - initially on paper – to all of the recipients who receive both versions of the price lists. This document must contain all of the changes that have been made.

Each paper price list has the following basic information in the header or footer (indicated in the template):

- Metel® logo
- Price list description
- Price list number
- Effective date

When a new price list is issued, all of the item numbers must be included in the both the electronic and paper-based price list.

Manufacturers are responsible for sending the changes to all of the parties involved.

4.1.4 Distribution of the price list

The price list can be distributed in the following formats:
a. Magnetic
b. Paper-based
c. E-MAIL
d. Sender's web page
e. Metel price list distribution portal

Distribution can occur at two times: In terms of magnetic/optical support, 3½" floppy discs or CDs are acceptable. For distribution by E-mail or on a web page, the data must be compressed into a self-extracting file. The exact correspondence of the extracted file to the original file must be guaranteed by the sender.

The following procedure is valid for price lists sent either on magnetic support or by Email:
- The price list must be distributed at least 20 days prior to its effective date.
- Distribution must include:
  - The METEL® price list (on diskette/CD or by E-mail)
  - The Barcode structure (on diskette/CD or by E-mail)

Additionally, for any recodified item numbers or if a descriptive table of the discount/statistics range is sent, the sender must send an electronic file (on floppy/CD or by E-mail) following the same rules:
- In order to minimize copy costs, the sender can use commercially available file compression programs to reduce the size of the files.

The Metel portal is available as a parallel tool for distribution, as an alternative to all of the other tools the sender may wish to make available to the receivers.

File Names:

CAUTION!!! The nomenclature for the files is MANDATORY and must be the following:

Company ID (3 char) + (3 char) + CURRENCY (if not €) with a .TXT extension.

LSP retail price list
LSG wholesale price list
FST Statistics Range
FSC Discount Range
RIC Recodification
BAR Barcode

Example:

If Metel® was a company with the ID "MET":
METLSP.TXT is the EURO retail price list
METLSG.TXT is the wholesale price list
METFST.TXT is the statistics range file
METFSC.TXT is the discount range file
METRIC.TXT is the file for recodified items
METBAR.TXT is the Metel® Barcode file

Uniqueness of the Metel Price List Layout

Metel does not recommend the use of more than one price list for the same target (retail or wholesale) with the same company/brand ID.

We highly recommend using a single price list per type. If this is not possible, the impact on the customers' IT systems must be carefully evaluated should a customer use more than one of the same type of price list.

4.1.5 New Metel® abbreviations

The METEL® organization is the only party responsible for issuing new Company IDs.

The procedure to issue a new METEL® ID is described in this manual, in Section 4.1.2.
The issue of a brand ID is also guaranteed by Metel® once certification is complete.

All new METEL® subscribers must guarantee the use of the new ID and brand for all price lists issued after the date Metel® communicates them.

4.1.6 Uniqueness of codes

In reference to the uniqueness of codes, each company subscribing to Metel(R) must guarantee that the following rules are respected:

- All documents used for exchange (price lists, delivery notes, invoices, etc.) must include the company item number listed in the price list
- Whenever it is necessary to modify a item number, this change must be guaranteed on all documents exchanged
- When it is necessary to "contain" item numbers, with more than 16 characters, in the Metel® structure (16 characters), the "containment" criteria must be the same for all of the documentation exchanged.

4.1.7. Item Recodification

The item recodification template **is used by companies when they must change the code for the item number.** This is not a frequent requirement, but it is important that this template be **provided to the customer along with the new Metel price list**, which will only contain the new item numbers and their associated characteristics.

The company must also guarantee that this change is extended to all documents exchanged (delivery notes, order confirmations, invoices, etc.).

The recodification template must be forwarded using the tools identified for sending the price list structure.

Metel® Recodification Template (Header)

Seq.	Description	Mandatory (M) Optional (O)	Start of Field Position	Field Type and Length
1	Structure ID	M	1	A 20
2	Version	M	21	N 3
3	Filler	M	24	An 36

Record length 59 bytes followed by Carriage Return and Line Feed

The Structure ID field must include the value RICODIFICA, left aligned, and filled with spaces. Only capital letters are accepted.

Example:

R	I	C	O	D	I	F	I	C	A										

Each cell corresponds to one character.

The **Version** field must include the value **020**, and spaces are not accepted.

Example:

0	2	0

Each cell corresponds to one character.

The **filler** field must only contain spaces.

Metel® Recodification Template (Lines)

Seq.	Description	Mandatory (M) Optional (O)	Start of Field Position	Field Type and Length
1	Company ID	M	1	An 3
2	Brand ID	M	4	An 3
3	Company VAT No.	M	7	An 11
4	Effective date	M	18	Dt
5	Original code	M	26	An 16
6	New code	O	42	An 16
7	Comment for deletion/change	M	58	An 2
8	New Brand	O	60	An 3

Record length 59 bytes followed by Carriage Return and Line Feed

In all cases in which a number of codes replace the original code, the code record (parent) must be the same for all of those that replace it (children) or vice versa.

Legend for Comment for Deletion/Change

01 Registry (change type of code)
02 Type of packaging
03 Technical characteristics of the product
04 Replacement
05 Deleted

NOTE: The "**Company item number**" field of the Metel Price List must contain only the items listed in the recodification template structure in the "**new code**" field. If the old codes are required for data management, these must be accompanied by the correct "**product status**" (9 = deleted or 2= Product being phased out and to be deleted).

We recommend that items be recodified when there are changes to the technical characteristics of the product, especially when these characteristics are present and highlighted on the product itself, even if they are compatible with the product identified previously.

4.1.8. Discount and Statistics Ranges

Should the sender:

- Refer to discounts on the price list for product ranges
- Define groups of uniform products for statistical purposes

It is important that these two types of information be communicated using the fields "**Discount Range**" and "**Statistic Range**" which are included on the Metel® price list. To this end, tables for the discount range and the statistic range have been added. These tables can be sent in the same manner identified for sending the Metel® price list.

Record Structure Discount Range Metel® (Header)

Seq.	Description	Mandatory (M) Optional (O)	Start of Field Position	Field Type and Length
1	Structure ID	M	1	A 20
2	Version	M	21	N 3
3	Filler	M	24	An 71

Record length 94 bytes followed by Carriage Return and Line Feed

The **Structure ID** field must include the value **FAMIGLIE DI SCONTO,** left aligned, and filled with spaces. Only capital letters are accepted.

Example:

F	A	M	I	G	L	I	E		D	I		S	C	O	N	T	O		

Each cell corresponds to one character.

The **Version** field must include the value **020**, and spaces are not accepted.

Example:

0	2	0

Each cell corresponds to one character.

The **filler** field must only contain spaces.

Record Structure Discount Range Metel® (Lines)

Seq.	Description	Mandatory (M) Optional (O)	Start of Field Position	Field Type and Length
1	Company ID	M	1	An 3
2	Brand ID	M	4	An 3
3	Discount Range	M	7	An 18
4	Range Description	M	25	An 70

Record length 94 bytes followed by Carriage Return and Line Feed

Record Structure Statistics Range Metel® (Header)

Seq.	Description	Mandatory (M) Optional (O)	Start of Field Position	Field Type and Length
1	Structure ID	M	1	A 20
2	Version	M	21	N 3
3	Filler	M	24	An 71

Record length 94 bytes followed by Carriage Return and Line Feed

The **Structure ID** field must include the value **FAMIGLIE STATISTICHE**, left aligned and filled with spaces. Only capital letters are accepted.

Example:

F	A	M	I	G	L	I	E		S	T	A	T	I	S	T	I	C	H	E

Each cell corresponds to one character.

The **Version** field must include the value **020**, and spaces are not accepted.

Example:

0	2	0

Each cell corresponds to one character.

The **filler** field must only contain spaces.

Record Structure Statistics Range Metel® (Lines)

Seq.	Description	Mandatory (M) Optional (O)	Start of Field Position	Field Type and Length
1	Company ID	M	1	An 3
2	Brand ID	M	4	An 3
3	Statistics Range	M	7	An 18
4	Range Description	M	25	An 70

Record length 94 bytes followed by Carriage Return and Line Feed

In reference to the Discount Range, the companies, using more traditional sales channels, provide the key for calculating the value of the discounts starting from this information.

In the formulation of both sets (discount and statistics), there are no restrictions for the sender, only that of the space available in the fields, in the "codification" of the different groups of products.

4.2 Structure of the Price List Header ver.020 and ver.021

Ver.020

Seq.	Description	Start of Field Position	Mandatory (M) Optional (O)	Field Type and Length
1	Structure ID	1	M	A 20
2	Company ID	21	M	An 03
3	VAT No.	24	M	An 11
4	Price list number	35	O	An 06
5	Price list effective date	41	M	Dt
6	Date of last change/addition	49	M	Dt
7	Price list description	57	M	An 30
8	Filler (spaces)	87	M	An 39
9	Price list structure version	126	M	N 03
10	Wholesale price list effective date	129	C	Dt
11	ISO VAT NO.	137	C	An 16
12	Filler (spaces)	153	M	An 25

Record length 177 bytes followed by Carriage Return and Line Feed

The length of the header record must be identical to that of the detail line. It is important, once the file has been generated, that the spaces included in position 153 to 177 are effectively there.

Ver.021

Seq.	Description	Start of Field Position	Mandatory (M) Optional (O)	Field Type and Length
1	Structure ID	1	M	A 20
2	Company ID	21	M	An 03
3	VAT No.	24	M	An 11
4	Price list number	35	O	An 06
5	Price list effective date	41	M	Dt
6	Date of last change/addition	49	M	Dt
7	Price list description	57	M	An 30
8	Filler (spaces)	87	M	An 39
9	Price list structure version	126	M	N 03
10	Wholesale price list effective date	129	C	Dt
11	ISO VAT NO.	137	C	An 16
12	Filler (spaces)	153	M	An 81

Record length 233 bytes followed by Carriage Return and Line Feed

The length of the header record must be identical to that of the detail line. It is important, once the file has been generated, that the spaces included in position 153 to 233 are effectively there.

4.2.1 STRUCTURE IDENTIFICATION

Ver.020 – from position 1 a 20 – A 20 – M

Ver.021 – from position 1 a 20 – A 20 – M

Description

This field must contain the value **LISTINO METEL.** The field must be left aligned and small letters are not allowed. For example:

L	I	S	T	I	N	O		M	E	T	E	L						

Each cell corresponds to one character.

4.2.2 COMPANY ID

Ver.020 – from position 21 a 23 – An 03 – M

Ver.021 – from position 21 a 23 – An 03 – M

Description

This field must contain the three characters of the company's ID code.

For reasons of uniqueness, each "Company ID" must correspond to one and only one company identified by the VAT No.

The codes may only be assigned by the sole organisation responsible for this action, METEL. Any company that needs to give a single price list an ID must contact Metel® for its issue. No price list in Metel® format may be sent prior issue of the ID. Metel® identifies the release of the company ID with the certification process.

If the ID that appears on the price list is not listed on the Metel site associated with the company name, then the price list has NOT been certified by METEL.

Technical Information

The three characters of the company ID must be written in capital letters and must always be present.

Example

Correct	Incorrect	
X Y Z	X y z	All capital letters

4.2.3 VAT No.

Ver.020 – from position 24 a 34 – N 11 - M

Ver.021 – from position 24 a 34 – N 11 - M

Description

This field must contain the VAT number of the **company that will issue the invoice**. There are no particular restrictions for this field, except to note that it is the only real identifying field - for tax reasons - of the company.

Technical Information

The field must NOT contain spaces.

4.2.4. PRICE LIST NUMBER

Ver.020 – from position 35 a 40 – An 6 – O

Ver.021 – from position 35 a 40 – An 6 – O

Description

This field must contain the price list ID, alphanumerical (for modifications and new releases).

In a new way of exchange and traceability of data, the price list number must allow easy reconciliation with the previously issued, so it is advisable to define a unique value that does not vary over time. Will be the starting dates and the change to determine the temporal scope of validity.

There are two scenarios:

Manufacturer issuing a single list (containing products with one or more brands)
To ensure reconciliation with the previous prist list, in this case it is advisable to define a unique value that does not vary over time, regardless of the number list that can be empty.

Manufacturer issuing multiple lists for different brand or product line
In order to reconcile the previous, it is advisable have a price list number unique for each price list and unchanged over time.
In case of operational requirements, the number may vary, but only at the change of effective date (the number list must remain the same in the variations of the same effective date).

Unique Price List Number that doesn't vary over time:

AZIENDA	*NUMERO*	*DT.DEC*	*DT.VAR*
METEL	MET	20130101	20130101
METEL	MET	20130101	20130415
METEL	MET	20130701	20130701
METEL	MMT	20130101	20130101
METEL	MMT	20130101	20130415
METEL	MMT	20130701	20130701

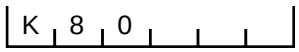
Price List Number varied between effective dates:

AZIENDA	*NUMERO*	*DT.DEC*	*DT.VAR*
METEL	MET1	20130101	20130101
METEL	MET1	20130101	20130415
METEL	MET2	20130701	20130701
METEL	MMT1	20130101	20130101
METEL	MMT1	20130101	20130415
METEL	MMT2	20130701	20130701

Technical Information

The price list number can have up to six characters. It is also used on the Order, Order Confirmation, Despatch Note, and Invoice documents.

Example



Price list No. K80

4.2.5. PRICE LIST EFFECTIVE DATE

Ver.020 – from position 41 a 48 - Dt – M

Ver.021 – from position 41 a 48 - Dt – M

Description

This field contains the effective date of the price list in the YYYYMMDD (year, month, day) format. This format is useful for ordering the dates. The effective date is understood to be the date that the price list issued will start to be valid.

Technical Information

Dates earlier than 01 January 2000 are not permitted.

4.2.6 LAST CHANGE/ADDITION DATE

Ver.020 – from position 49 a 56 - Dt – M

Ver.021 – from position 49 a 56 - Dt – M

Description

The date is expressed in the YYYYMMDD (year, month, day) format. The field contains the date of the last change/addition for reference to identify the items that have been changed or added to the price list.
This date is shown on the detail row corresponding to the item that has been changed/added.

Technical Information

This field is mandatory. If the price list is sent with an effective date of 01 January 2000, the last change date in the header will have the same value as the issue date, as will all of the detail dates. The date of change of the price list can never be later than the effective date of the Metel® price list. The date of change always refers to the issue date of the price list. Each time a new price list is issued, the date of change must be identical to the effective date of the price list.

Example

Header		**20000210**
Detail	Line 1	**20000210**
	Line 2	20000101
	Line 3	20000101
	Line 4	20000101
	Line 5	**20000210**
	Line 6	20000101
	Line 7	20000101
	Line 8	**20000210**
	……..	
	….	
	..	

The only dates allowed are the effective date and the last date of change. Values other than these are not allowed.

4.2.7 PRICE LIST DESCRIPTION

Ver.020 – from position 57 a 86 – An 30 – M

Ver.021 – from position 57 a 86 – An 30 – M

Description

This field must contain the description of the price list relative to the products contained therein.

The description can be general or specific (ex. residential, light fixtures, etc.) based on the needs.

4.2.8 FILLER

Ver.020 – from position 87 a 125 – An 39 – M

Ver.021 – from position 87 a 125 – An 39 – M

Description

This field does not contain any information.

In order to facilitate future extensions - with the addition of new fields - this field must not be used in any manner.

Technical Information

This field must be filled with spaces.

4.2.9 PRICE LIST STRUCTURE VERSION

Ver.020 – from position 126 a 128 – N 03 - M

Ver.021 – from position 126 a 128 – N 03 - M

Description

If the structure is revised, a period of transition is inevitable during which price lists on both the old and new structures will coexist.

Technical Information

The version of this structure is 020; thus, this field must be:

0	2	0

4.2.10. WHOLESALE PRICE LIST EFFECTIVE DATE

Ver.020 – from position 129 a 136 - Dt - C

Ver.021 – from position 129 a 136 - Dt - C

Description

This field contains the effective date of the wholesale price list in the YYYYMMDD (year, month, day) format. The effective date is understood to be the date the wholesale price list will start to be valid, that is, the prices shown in the wholesale price column.

Should the retail and wholesale price lists have the same effective date, this field must be filled with spaces.

This date is not mandatory and should only be indicated if it is necessary to specify a different effective date for the retail and wholesale prices.

Technical Information

Dates earlier than 01 January 2000 are not permitted.

4.2.11. ISO VAT NO.

Ver.020 – from position 137 a 152 - An– C
Ver.021 – from position 137 a 152 - An– C

This field identifies the VAT number for the companies with operating and legal headquarters outside Italy.

For sales made to taxable persons located in other European Community member countries, VAT is not applied. For this reason, it is necessary to show the exact VAT number of the European Community assignee on the invoice because should any irregularities emerge regarding this number during an audit, the Italian seller is the responsible party for the lack of debit for this duty.

For this reason, it is necessary to identify the definitive European Community ID code in the Metel price list. The ISO VAT Number contains two pieces of information: the ISO code and the national VAT number.

Sample: In case of a Metel User with a location in other European Community member countries, withot any office in Italy, Metel Price List is referred to the main office that sends all the documents, invoic included. If the VAT Code (Italian format) is not compatible with the Field VAT No. of Price List Header is mandatory to fill in the ISO VAT NO and insert a recognazible value in VAT No (Italian format) that allows to understand that the ISO VAT NO contains the element to consider for each administrative operation. For this reason we council to fill VAT No (Italian format) with "9999999999999" to respect the situation just described.

ISO code
As one of the largest problems faced by workers in the European Community, as has been seen, is that of getting the VAT number of their customers and foreign suppliers, we consider it suitable to provide a table of the ISO codes, according to the Italian Ministerial Decree of 15 April 2004:

ISO Codes of European Community Member Countries Number of Characters of VAT Numbers.

AT Austria 9
BE Belgium 9
CY Cyprus 9
CZ Czech Republic 8 or 9-10
DE Germany 9
DK Denmark 8
EE Estonia 9
EL Greece 9
ES Spain 9
FI Finland 8
FR France 11
GB Great Britain 5 or 9-12
HU Hungary 8
IE Ireland 8
LT Lithuania 9 or 12
LU Luxemburg 8
LV Latvia 9 or 11
MT Malta 8
NL The Netherlands 12
PL Poland 10
PT Portugal 9
SE Sweden 12
SK Slovak Republic 9 or 10
SI Slovenia 8
SM San Marino
CH Switzerland
IT Italy 11

Thus, the header of the price list will include the European VAT number field starting from position 126 to position 141 (16 characters), alphanumeric, left aligned, and optional. **This change has no impact on the programmes functioning now.**

Example:

I	T	1	2	3	4	5	6	7	8	9	0	1			

4.2.12 FILLER

Ver.020 – from position 153 a 177 – An 25 – M

Ver.021 – from position 153 a 233 – An 81 – M

Description

This field does not contain any information.

In order to facilitate future extensions - with the addition of new fields - this field must not be used in any manner. These spaces are included in the header in order to reach the same length as the line records.

Technical Information

This field must be filled with spaces.

4.3 Structure of the Price List Line ver.020 and ver.021

Ver.020

Seq.	Field Description	Start of Field Position	Mandatory (M) Optional (O)	Field Type and Length
1	Brand ID	1	M	An 03
2	Company Item Number	4	M	An 16
3	EAN code	20	O	N 13
4	Product Description	33	M	An 43
5	Carton Quantity	76	M	N 05
6	Multiple Order Quantity	81	M	N 05
7	Minimum Order Quantity	86	M	N 05
8	Maximum Order Quantity	91	M	N 06
9	Lead Time	97	M	An 1
10	Wholesale price	98	M	N 11.2
11	Retail price	109	M	N 11.2
12	Price Multiplier	120	M	N 06
13	Currency code	126	M	A 03
14	Unit of Measure	129	M	An 03
15	Composite Item	132	M	N 01
16	Product Status	133	M	An 01
17	Date of last change	134	M	Dt
18	Discount Range	142	O	An 18
19	Statistics Range	160	O	An 18

Record length 177 bytes followed by Carriage Return and Line Feed

The unique access key for the lines of the price list consists of a combination of the following fields:

Brand ID
Company Item Number
Currency code

Ver.021

Seq.	Field Description	Start of Field Position	Mandatory (M) Optional (O)	Field Type and Length
1	Brand ID	1	M	An 03
2	Company Item Number	4	M	An 16
3	EAN code	20	O	N 13
4	Product Description	33	M	An 43
5	Carton Quantity	76	M	N 05
6	Multiple Order Quantity	81	M	N 05
7	Minimum Order Quantity	86	M	N 05
8	Maximum Order Quantity	91	M	N 06
9	Lead Time	97	M	An 1
10	Wholesale price	98	M	N 11.2
11	Retail price	109	M	N 11.2
12	Price Multiplier	120	M	N 06
13	Currency code	126	M	A 03
14	Unit of Measure	129	M	An 03
15	Composite Item	132	M	N 01
16	Product Status	133	M	An 01
17	Date of last change	134	M	Dt
18	Discount Range	142	O	An 18
19	Statistics Range	160	O	An 18
20	Electrocod Code	178	M	An 20
21	Barcode	198	O	An 35
22	Barcode Qualifier	233	O	An 1

Record length 233 bytes followed by Carriage Return and Line Feed

The unique access key for the lines of the price list consists of a combination of the following fields:

Brand ID
Company Item Number
Currency code

4.3.1 BRAND ID

Ver.020 – from position 1 to 3 – An 03 – M

Ver.021 – from position 1 to 3 – An 03 - M

Description

Identifies the brand with respect to the ID assigned to the company. The Brand ID is issued by Metel® during the price list certification phase.

Technical Information

If the seller with the Metel® ID XXX also distributes the prices list for brands YYY and ZZZ, the header must include the ID XXX and in the detail IDs YYY and ZZZ. If the company ID corresponds to the brand ID, both must be listed in the header and in the detail.

Example of company ID equal to brand ID

Line 1	Brand ID XXX
Line 2	Brand ID XXX
Line 3	Brand ID XXX
Line 4	Brand ID XXX
…….	
….	
….	

Example of company ID with different brands listed on the price list.

Header	Company ID XXX
Line 1	Brand ID XXX
Line 2	Brand ID XXX
……	
Line 1	Brand ID YYY
Line 2	Brand ID YYY
……	
Line 1	Brand ID ZZZ
Line 2	Brand ID ZZZ
…….	
….	

4.3.2 COMPANY ITEM NUMBER

Ver.020 – from position 4 to 19 - An16 – M

Ver.021 – from position 4 to 19 - An16 – M

Description

This field must contain the item number that the company assigns to the product.

One, and only one, code must be used in all documents exchanged (price list, orders, order confirmation, delivery notes, and invoices) to guarantee that it is read in a uniform manner at all levels of communication.
Should the company decide to recodify its products, it must inform its customers and provide two lists of the old and new codes on the recodification structure that must be attached to the Metel price list: Code Y replaces Code X, Code X is replaced by Code Y (see the section on rules).

Technical Information

This field is alphanumerical. When it contains less than 16 characters, it must be left aligned and filled with spaces to the right.

Should the code used by the seller have more than 16 characters, the same criteria of "compression" of the codes to the new format must be used on all of the above listed documents (also in this case to guarantee uniform reading).

The characters allowed in the Item Number are:
From A to Z,
From a to z,
From 0 to 9
- (minus),
. (period),
/ (slash),
(space)
* (asterisk)

The use of other characters can cause the item numbers to be recorded incorrectly as a function of the receiver's IT system.

It is important to maintain the alphanumerical character format uniform. The item number field must contain all capital letters or all small letters.

We recommend:

1) **Always using capital letters (A to Z)**

2) **Using numbers (0 to 9)**

3) **Eliminating, progressively, any other characters not allowed that might still be present in the Price List structure.**

4) **For new item numbers, we recommend not using characters other than those listed above in points 1 and 2.**

5) **For separator characters within the item number, the technical committee recommends the use of only:**

   a. **"-" (minus)**
   b. **" " (space)**
   c. **“.” (period)**

4.3.3 EAN CODE

Ver.020 – from position 20 to 32 – N 13 - O

Ver.021 – from position 20 to 32 – N 13 – O

Description

This field contains the EAN 13 code for the "product".

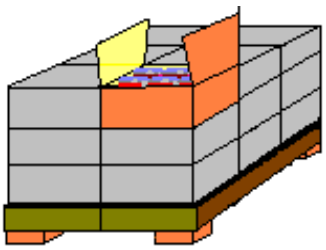
The "product" is that defined by:

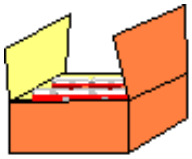
- UNIT OF MEASURE, for ex. piece (switch)
- PRICE, which refers to the abovementioned unit of measure

The EAN code therefore uniquely identifies the product and the QUANTITY. For example: a carton and a package containing different quantities of the same product must have DIFFERENT EAN 13 codes.

For this reason, the "Barcode structure" which is an integral part of this manual, completes the information on the product, providing, for each type of packaging, the respective EAN code.

Example

♦ Pallet  80 12345 88888x pcs: 4000

♦ Carton  80 12345 66666x pcs: 200

♦ Package  80 12345 33333x pcs: 10

♦ Piece  80 12345 11111x pcs: 1

Technical Information

It is mandatory for companies who are not registered with INDICOD to enter the EAN code **or if they are not, to provide information as to when they will insert it**.

The EAN code must correspond to the company item number.

When a product does not have an EAN 13 code, only zeros must be entered in this field in order to not cause any ambiguities for the receiver of the structure in terms of inadmissibility of the code.

4.3.4 PRODUCT DESCRIPTION

Ver.020 – from position 33 to 75 – An 43 – M

Ver.021 – from position 33 to 75 – An 43 – M

Description

This field must contain a description of the complete product, exhaustive yet clear. For completeness and exhaustively of the description, refer to the technical specifications. Clarity refers to the need to make the description easy to understand even by unskilled personnel (ex. shop assistant, tax inspector, etc.).

Technical Information

This field is alphanumeric and therefore must be left aligned and filled in with spaces to the right (the field can contain both capital and small letters).

Set Up Criteria

The definition of unique, uniform criteria for reference for all companies subscribing to METEL® is described separately.

We recommend always using capital letters (A to Z)

We recommend using numbers (0 to 9)

We **recommend** progressively eliminating all other characters where possible, especially:

a. **“;“ (semi colon)**
b. **“,“ (comma)**
c. **“%” (percentage sign)**
d. *** (asterisk)**

4.3.5 CARTON QUANTITY

Ver.020 – from position 76 to 80 – N 05 – M

Ver.021 – from position 76 to 80 – N 05 - M

Description

The carton quantity represents the quantity – expressed in the unit of measure – contained in the package "**normally**" **handled for shipment by the seller.**

In this sense, it is not binding for the buyer when setting up the order. Rather it serves as a reference for optimizing management of the entering physical flows (evaluation of the convenience of loading bulk pieces or whole packages).

Examples:

First Case: Light bulbs, packaged individually (1 bulb), 20 light bulbs per box

- Unit normally handled: Box
- Minimum order quantity: Single light bulb (package)
- Unit of measure: Piece
- Carton Quantity: 20

Second Case: Residential switches, packages of 10 switches, boxes with 6 packages

- Unit normally handled – in processing - in the warehouse: Single package
- Minimum order quantity: Even a single switch
- Unit of measure: Piece
- Carton quantity: 10

Third Case: Rigid tube, 120-meter bundle, master of 25 bundles (3000 meters)

- Unit normally handled - in processing - in the warehouse: Single bundle
- Minimum order quantity: Single bundle
- Unit of measure: Bundle
- Carton quantity: 25

Fourth Case: Hose, 100 mm coils, master of 10 coils (1000 meters)

- Unit normally handled - in processing - in the warehouse: Single coil
- Minimum order quantity: Single coil
- Unit of measure: Coil
- Carton quantity: 10

Fifth Case: Hose, 100 mm, master of 10 coils (1000 meters)

- Unit normally handled - in processing - in the warehouse: 100 meters
- Minimum order quantity: 100 meters
- Unit of measure: Meters
- Carton quantity: 1000 meters

Technical Information

This field is numerical; it is right aligned and must be filled with zeros.

4.3.6 MULTIPLE ORDER QUANTITY

Ver.020 – from position 81 to 85 – N 05 – M

Ver.021 – from position 81 to 85 – N 05 - M

Description

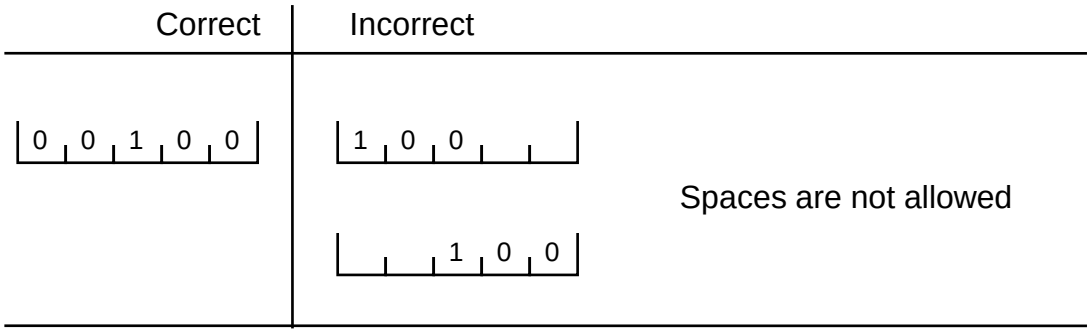
This field must contain the multiple order quantity, expressed in the unit of measure (piece, blister, etc.) that the company will accept to process an order.
Together with the Minimum Order Quantity field, this is the basis for calculation of the order quantity. In particular:

Order Quantity = [minimum order quantity + n * [multiple order quantity]

Where n is a whole number (0, 1, 2, 3, etc.)

Technical Information

This field is numerical. It must be right aligned and it can only contain numbers:



Examples:

Case a) "By the package" purchase (for ex., packages of 10 pieces) without further restrictions (Minimum order quantity = package):

- Unit of Measure = Piece
- MINIMUM ORDER QUANTITY = 10
- MULTIPLE ORDER QUANTITY = 10

The acceptable values for order are: 10, 20, etc. pieces

Case b) "By the Package" purchase (ex. 10 pieces) with minimum order quantity equal to the carton (for ex. 100 pieces):

- Unit of Measure = Piece
- MINIMUM ORDER QUANTITY = 100
- MULTIPLE ORDER QUANTITY = 10

The acceptable values for order are: 100, 110, 120...

Case c) "By the Carton" purchase (for example, 100 pieces) without other restrictions (minimum order quantity = carton):

- Unit of Measure = Piece
- MINIMUM ORDER QUANTITY = 100
- MULTIPLE ORDER QUANTITY = 100

The acceptable values for order are: 100, 200...

Case d) "To order" purchase, with a restriction on the minimum order quantity (for ex. 1,000 pieces):

- Unit of Measure = Piece
- MINIMUM ORDER QUANTITY = 1000
- MULTIPLE ORDER QUANTITY = 1

The acceptable values for order are: 1000, 1001, 1002...

Case e) "To order" purchase, without other restrictions:

- Unit of Measure = Piece
- MINIMUM ORDER QUANTITY = 1
- MULTIPLE ORDER QUANTITY = 1

The acceptable values for order are: 1, 2, 3...

4.3.7 MINIMUM ORDER QUANTITY

Ver.020 – from position 86 to 90 – N 05 – M

Ver.021 – from position 86 to 90 **– N 05 - M**

Description

The minimum order quantity is the minimum quantity – expressed in the unit of measure – which the company will accept to process an order.

The unit of measure (piece, blister, etc.) to be used for the calculation of the quantity is listed in the "UNIT OF MEASURE" field.

The minimum order quantity usually equals a physical packaging unit (even if not necessarily with the minimum package); even a single physical piece can be order where the seller will allow partial packages.

Examples:

First Case:

Residential switches, packages in boxes of 10 pieces:

- Unit of measure = piece
- Minimum order quantity = 10
- The seller allows minimum order quantities of 10 pieces.

In this case, the internal quantity coincides with the minimum packaging and the seller does not allow partial packages.

Second Case:

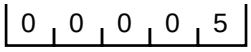
Light bulbs, packaged in boxes of 10 blisters:

- Unit of measure = blister
- Minimum order quantity = 1

The seller allows minimum order quantities of one blister (the number of lamps per blister in this is not determined). In this case, the seller allows partializing, selling even a single blister.

Technical Information

The filed must be right aligned and filled with zeros to the left:



Minimum Order Quantity = 5

4.3.8 MAXIMUM QUANTITY

Ver.020 – from position 91 to 96 - N 06 – M

Ver.021 – from position 91 to 96 - N 06 - M

Description

This field must contain the maximum quantity of the product (expressed in the UNIT of MEASURE) that the company is able to delivery within the time defined in the "lead time" field.

This amount defines, at the same time, the limit above which the reference delivery terms must be agreed to with the seller.

Technical Information

This field is numerical. If the data is not available, the field must be filled in with the value 999999.

4.3.9 LEAD TIME

Ver.020 – from position 97 to 97 – An 01 – M

Ver.021 – from position 97 to 97 – An 01 - M

Description

This field indicates the time interval (lead time) – expressed in working days – between the date of receipt of order and consignment to the carrier for orders that are not greater than the amount listed in the field "maximum quantity".

The field is described using alphanumeric characters. The attached table lists the corresponding value of lead-time for each value of the field, and vice versa.

Technical Information

This field is alphanumerical. If this data is not available, the seller must enter a value in any case **that is indicative and absolutely not binding for the seller**. Only capital letters are allowed. To express days, it is possible to use numbers from 1 to 9. To identify 2 weeks (10 working days) letters of the alphabet are used in increasing order (see the table on the last page).

Examples

Code 1:

- Consignment to carrier within 3 working days from receipt of order
- Table reference: Lead time column = 3 days
- (corresponding field value = 3)
- Lead time = 3

Code 2:

- Consignment to carrier within 5 weeks from receipt of order
- Table reference: Lead time column = 5 weeks
- (corresponding field value = D)
- Lead time = D

4.3.10 WHOLESALE PRICE

Ver.020 – from position 98 to 108 – N 11.2 – M

Ver.021 – from position 98 to 108 – N 11.2 – M

4.3.11 RETAIL PRICE

Ver.020 – from position 109 to 119 – Nn 11.2 – M

Ver.021 – from position 109 to 119 – N 11.2 – M

Description

These fields contain the seller's base price to the wholesaler (to which discounts are then applied) and the retail price can be listed if desired.
Both values refer to the unit of measure and the code expressed in the previous fields.

Technical Information

- The fields are numerical and include two decimal places. Right aligned. No spaces or commas are permitted in the field.
- The price must always refer to the **unit of measure expressed in the Metel® price list.** When packages represent a **unit of sale**, should the **quantity of product in the package** or the **unit of measure** be varied, **a new company item number** must be generated.
- Items that do NOT have a base price (for example items made to order) **must NOT be included** in the Metel price list.
- For those items that benefit from discounts that vary based on the quantity ordered, it is only possible to enter the base price in the Metel® price list. Sales information (discounts as a function of the quantities ordered) **must be communicated separately**.
- The procedure for filling in the price depends on the receiver of the price list, which is demonstrated in the following table:

Situation	Wholesale Price on the Price List	Retail Price on the Price List
Retail price identical to wholesale price sent to retailer and wholesaler	Mandatory	Mandatory
Retail price different from wholesale price and price list sent to retailer	Fill the price with zeros	Mandatory
Retail price different from wholesale price and price list sent to wholesaler.	Mandatory	Mandatory

Example

95 Euro	**0 0 0 0 0 9 5 0 0**
85.45 Euro	**0 0 0 0 0 8 5 4 5**

CAUTION: Should the unit of measure and/or unit of sale be changed, the product must be recodified.
Example:
Product A (one box of 100 wall anchors), unit of measure PCE, minimum order quantity 1 piece (1 box), list price 10 Euro.

WHEN RECODIFICATION IS NECESSARY (see the recodification structure for details):
- Product A no longer contains 100 wall anchors
- If the price refers to the content of the box (1 wall anchor)
- If the unit of measure changes (PCE)

4.3.12 PRICE MULTIPLIER

Ver.020 – from position 120 a 125 – N 06 – M

Ver.021 – from position 120 a 125 – N 06 – M

Description

This field DOES NOT refer in any way to the package quantity. More specifically:

It must be a numerical value. The value expressed represents the whole number by which the **unit price** must be **multiplied** to reach **the price shown in the price list (wholesale or retail price)**.

Technical Information

The multiplier **cannot have a value less than 1**. This multiplier must be shown on the lines of the invoices regarding the item (therefore, there is a version of the invoice that includes this field). The multiplier can take on a range of values:

1
10
100
1000
10000
100000

Example

Below we have the case in which the price (11 characters of which 2 are decimals) that must be expressed in EURO.

If an item costs 0.00025 EURO, the price cannot be entered in the Metel price list (for fiscal reasons only 2 decimals are valid). Therefore, the multiplier will have a value of 1000, and the price will be shown as 0.25.

Multiplier

Value	0	0	**1**	**0**	**0**	**0**
Position	1	2	3	4	5	6

Price in Euro per **1000** items.

Value	0	0	0	0	0	0	0	0	0	**2**	**5**
Position	1	2	3	4	5	6	7	8	9	10	11

Price for 1 item (0.00025) x Multiplier (1000) = Price per 1000 items (0.25)

We emphasize that the price multiplier does NOT refer to any package quantities listed in the price list.

4.3.13 CURRENCY CODE

Ver.020 – from position 126 to 128 – A 03 – M

Ver.021 – from position 126 to 128 – A 03 – M

Description

This field must have an alphabetic value. The value expressed represents the reference currency for the prices shown in the price list.

Technical Information

This field cannot contain spaces and its content is defined by the ISO codes. If there is more than once currency, the line item can be repeated. The default value is EUR. For other currencies, please refer to the following table:

AED = UAE Dirham
AFA = Afghani
ALL = Lek
ANG = Netherlands Antillean Guilder
AOK = Kwanza
ARP = Austral
ATS = Schilling
AUD = Australian Dollar
AWG = Aruban Guilder
BBD = Barbados Dollar
BDT = Taka
BEF = Belgian Franc
BGL = Lev
BHD = Bahraini Dinar
BIF = Burundi Franc
BMD = Bermudian Dollar
BND = Brunei Dollar
BOB = Bolivian Peso
BRC = Cruzado
BSD = Bahamian Dollar
BTN = Ngultrum
BUK = Kyat
BWP = Pula
BZD = Belize Dollar
CAD = Canadian Dollar
CHF = Swiss Franc
CLP = Chilean Peso
CNY = Yuan Renminbi
COP = Columbian Peso
CRC = Costa Rican Colon
CSK = Koruna
CUP = Cuban Peso
CVE = Cape Verde Escudo
CYP = Cyprus Pound
DEM = Deutsche Mark
DJF = Djibouti Franc
DKK = Danish Kroner
DOP = Dominican Peso
DZD = Algerian Dinar
ECS = Sucre
EGP = Egyptian Pound
ESP = Spanish Peseta
ETB = Ethiopian Birr
EUR = EURO
FIM = Markka
FJD = Fiji Dollar
FKP = Falkland Islands Pound
FRF = French Franc
GBP = Pound Sterling
GHC = Cedi
GIP = Gibraltar Pound
GMD = Dalasi
GNF = Guinean Franc
GQE = Ekwele
GRD = Drachma
GTQ = Quetzal
GWP = Guinea-Bissau Peso
GYD = Guyana Dollar
HKD = Hong Kong Dollar
HNL = Lempira
HTG = Gourde
HUF = Forint
IDR = Rupiah
IEP = Irish Pound
ILS = Shekel
INR = Indian Rupee
IQD = Iraqi Dinar
IRR = Iranian Rial
ISK = Iceland Kroner
ITL = Italian Lira
JMD = Jamaican Dollar
JOD = Jordanian Dinar
JPY = Yen
KES = Kenyan Shilling
KHR = Riel
KMF = Comorian Franc
KPW = North Korean Won
KRW = Won
KWD = Kuwaiti Dinar
KYD = Cayman Islands Dollar
LAK = Kip
LBP = Lebanese Pound
LKR = Sri Lanka Rupee
LRD = Liberian Dollar
LSM = Maloti
LUF = Luxembourg Franc
LYD = Libyan Dinar
MAD = Morocco Dirham
MGF = Malagasy Franc
MNT = Tugrik
MOP = Pataca
MRO = Ouguiya
MTP = Maltese Pound
MUR = Mauritius Rupee
MVR = Maldives Rupee
MWK = Kwacha
MXP = Mexican Peso
MYR = Malaysian Ringgit
MZM = Metical
NGN = Naira
NIC = Cordoba
NLG = Netherlands Guilder
NOK = Norwegian Kroner
NPR = Nepalese Rupee
NZD = New Zealand Dollar
OMR = Rial Omani
PAB = Balboa
PES = Inti
PGK = Kina
PHP = Philippine Peso
PKR = Pakistan Rupee
PLZ = Zloty
PTE = Portuguese Escudo
PYG = Guarani
QAR = Qatari Riyal
ROL = Leu
RWF = Rwanda Franc
SAR = Saudi Riyal
SBD = Solomon Islands Dollar
SCR = Seychelles Rupee
SDP = Sudanese Pound
SEK = Swedish Kroner
SGD = Singapore Dollar
SHP = St. Helena Pound
SLL = Leone
SOS = Somali Shilling
SRG = Suriname Guilder
STD = Dobra
SUR = Rouble
SVC = El Salvador Colon
SYP = Syrian Pound
SZL = Lilangeni
THB = Baht
TND = Tunisian Dinar
TOP = Palanga
TPE = Timor Escudo
TRL = Turkish Lira
TTD = Trinidad & Tobago
TWD = New Taiwan Dollar
TZS = Tanzanian Shilling
UGS = Uganda Shilling
USD = US Dollar
UYP = Uruguayan New Peso
VEB = Bolivar
VND = Dong
VUV = Vatu
WST = Tala
XAF = CFA Franc BEAC
XCD = East Caribbean Dollar
XOF = CFA Franc BCEAO
XPF = CFP Franc
YDD = Yemeni Dinar
YER = Yemeni Rial
YUD = New Yugoslavian Dinar
ZAR = Rand
ZMK = Kwacha
ZRZ = Zaire
ZWD = Zimbabwe Dollar

4.3.14 UNIT OF MEASURE

Ver.020 – from position 129 to 131 – An 03 - M

Ver.021 – from position 129 to 131 – An 03 - M

Description

This field contains the unit of measure that all the quantities are expressed in:

PCE	Piece
BLI	Blister
BRD	Carton
KGM	Kilograms
LE	Litres
LM	Lineal meters
PL	Pallet

Technical Information

The character codes must be left aligned.

Caution: We do not recommend using the units of measure of PL, BRD, or BLI in the price list as the Metel Order document does not permit them.

The **Barcode list** is the document that will allow you to identify all possible packaging for the products entered in the **Metel price list**.

4.3.15 COMPOSITE ITEM

Ver.020 – from position 132 to 132 – N 01 - M

Ver.021 – from position 132 to 132 – N 01 - M

Description

This field provides information as to if the product is a kit (or a set of a number of elementary items).

This information has been moved below the "product status" in order to allow you to provide information as to if it is a kit (set of items) as well as status information (product status field).

Technical Information

This field is numerical and can have one of two values.

1 = YES (it is a kit)
0 = NO (it is not a kit)

Taking the first case (field = 1), all of the codes that represent:

- A set or group of different products, identified themselves with their own item number
- A set or group of different products not identified with their own item number

4.3.16 PRODUCT STATUS

Ver.020 – from position 133 to 133 – An 01 - M

Ver.021 – from position 133 to 133 – An 01 - M

Description

This field contains qualitative information on the status and handling of the product:

- 1 New product
- 2 Product being phased out and to be deleted
- 3 Product managed by the warehouse
- 4 New service
- 5 Deleted service
- 6 Product made to order
- 7 Product made to order being phased out and to be deleted
- 8 Services (non-physical goods)
- 9 Deleted product

The following rules apply:

- Each product introduced to the price list and classified as new (1) **must have the date of introduction in its barcode structure record (see the line structure)**. This date **represents the reference for formulation of purchase orders for this item number.**
- Each product deleted from the sellers offering must be indicated with the status 2 (phase out) in the price list previous to the one in which it is deleted. When articles are deleted (product status = 9), the wholesale and retail price fields must contain a price that is significant for the reference market. For example: value of the price in the previous price list.
- Product status=8 is for those codes on price list that indicate services and non-hysical goods, where is not possible give indications related to measurements or packages.
  In this case is not given an information on existence (new, modified, cancelled) of service, but the status allows to avoid checking that may concern the quality Barcode and the completeness on barcode and packaging index.

4.3.17 LAST CHANGE/ADDITION DATE

Ver.020 – from position 134 to 141 – Dt – M

Ver.021 – from position 134 to 141 – Dt – M

Description

The date is expressed in the YYYYMMDD (year, month, day) format. The field contains the date of the last change/addition for reference to identify the items that have been changed or added to the price list.

Technical Information

This field is mandatory. If the price list is sent with an effective date of 03 January 2004, the last change date in the header will have the same value as the issue date, as will all of the detail dates.

Form the next issue of the price list, the reference date for the last change/addition must be entered in the header and then repeated on all of the line details involved. If there are no changes or addition of items, the date of change will always have the same value as the effective date.

Example

	Line 1 **20040301** Line 2 20000101 Line 3 20000101 Line 4 20000101 Line 5 **20040301** Line 6 20000101 Line 7 20000101 Line 8 **20040301** …….. …. ..

4.3.18 DISCOUNT RANGE

Ver.020 – from position 142 to 159 – An 18 – O

Ver.021 – from position 142 to 159 – An 18 – O

4.3.19 STATISTICS RANGE

Ver.020 – from position 160 to 177 – An 18 – O

Ver.021 – from position 160 to 177 – An 18 – O

Description

The discount and statistics ranges respectively represent:

- Sets of product for discounts on the list price (including all codes that benefit from a specific discount range)
- Set of products for statistical purposes including all products that have the same uniform statistical criteria for the seller).

Sets for discount **do not explicitly** express the discount values applied; rather they refer to a code to be interpreted using a special decodification table supplied by the seller.

The seller will adopt criteria for sets that he retains most suitable, with only restriction in the length of the fields.

It is obvious that filling in the fields **makes it necessary and mandatory** for the company that produces the Metel price list, when they refer to a sales policy that groups products according to the statistic range and discount range definitions defined above.

Example

The product belongs in the seller's range 3311231 and will have the right to the appropriate discount for the seller's products A2.

The effective value of the discount for products A2 will be communicated separately through traditional commercial channels (see the rules).

NOTE: If it is necessary to enter the discount and/or statistics range in the Metel price list structure, they must be reported for each item present in the Metel price list.

4.3.20 CODICE ELECTROCOD

Ver.021 – from position 178 to 197 – An 20 – M

Description

This field allows the associacion of item to the code of Electrocod Family.

Technical Information

This field is mandatory and alphanumerical. The ElectroCod code is defined by Metel thoughout a specifical Technical Commettee and it represents a commodity classification shared by the Metel CDA Members.

4.3.21 CODICE BARCODE

Ver.021 – from position 198 to 232 – An 35 – O

Description

This field contains the Barcode, whose type is defined in the field BARCODE QUALIFIER.

Technical Information

This field is filled in alternatively to EAN CODE, only if the EAN13 CODE is not available. This field is optional and alphanumerical and it can be decoded through the following field BARCODE QUALIFIER.

4.3.22 BARCODE QUALIFIER

Ver.021 – from position 233 to 233 – An 1 – O

Description

This field allows the correct interpretation of the previous BARCODE code field and must be filled in only in its presence.

It's possible to use the following values:

* 2 = ITF 14
* 3 = DUN 14
* 5 = EAN 128

Technical Information

This field alphanumerical.

This field can only be filled in in presence of BARCODE field.

5. Barcode

The Barcode structure, given its dynamics (changes in packaging and the configurations) is independent from the Metel price list structure (prices). It is necessary to update and send Metel the Barcode list with the changes in the physical characteristics of the item for each change in the items in the price list (packaging), according to the fields required.

This structure permits the communication of information regarding the product packaging: physical dimensions of the packages (height, length, and depth), weight, contained product quantity, and *ID code* for the package.

In particular, in terms of the ID code for the package (that is the barcode), please refer to the INDICOD – EANCOD standards for complete information on this topic. We limit ourselves to highlighting that:

*The barcode identifies a specific product **and** a specific package*

Therefore, if two packages are different (for the number of items it contains or only for their shape) they must have different barcodes even if they contain the same product.

Regarding the identification of the package, the wholesaler is required to codify precisely the possible packages/packaging for specific items on the Metel price list. The packages, from the smallest to the largest, and all intermediate ones, are expressed by the "BARCODE LIST" document.

The Barcode list, by nature, requires the presence of a packaging code (barcode) that expresses all of the possible packaging solutions for the products.

Updates of the packages and associated barcodes have operative times that at times do not coincide with the needs for distribution to manage the packages in the warehouse correctly.

Therefore, it is necessary to resolve a few situations that occur in the logistic management:

- EAN code not yet adopted by the seller
- Impossible to read the EAN code on the packages
- Changes in the packaging quantities and misalignment with the already existing packages
- Preventative information for special handling for the type of packaging specified

The identification of all possible packaging has the scope of facilitating the logistics management of the packaging for orders of magnitude greater than the sales unit specified in the Metel price list (field with the "carton quantity" label).

At the same time, it can temporarily resolve the lack of the use of the EAN code by the seller.
When the EAN code cannot be used, it is necessary to be able to associate each combination with **its own logistic code** that identifies the quantity of product specified for the type of packaging.

The data necessary for the identification of all the logistic combinations for handling are:

1. **The item number for the product:** this is the "Company item number" in the Metel price list.
2. **Type of packaging:** This is the packaging considered for the logistic combination to be identified. It corresponds to the "type of packaging" field in the Barcode list.
3. **Item Quantity:** This is the quantity contained in the type of packaging specified.
4. **Logistic Code:** This is the combination of data previously described. In particular, the code represents:
   - The company item number
   - The quantity handled
   - The type of packaging to the company item number specified

Example:

Item Number	Type of Packaging	Item Q'ty	Logistic Code
AAAA	CARTON	100	aXX
BBBB	PALLET	1000	bYY
CCCC	CARTON	50	cXX
DDDD	PALLET	10000	dZZ
DDDD	PALLET	1000	dYY

The information provided in the **logistic code** can be used by the sender and receiver to configure the handling information for the specified product in their IT system.
The **EAN code for the package** can be replaced by the **logistic code**.

5.1. Structure of the Header Version 020 and 021

Ver.020

Seq.	Field Description	Start of Field Position	Mandatory (M) Optional (O)	Field Type and Length
1	Structure ID	1	M	A 20
2	Company ID	21	M	An 03
3	Company VAT No.	24	M	An 11
4	Barcode structure number	35	O	An 06
5	Issue date	41	M	Dt
6	Date of last change/addition	49	M	Dt
7	Filler	57	M	An 69
8	Barcode structure version	126	M	N 03

Record length 128 bytes + CR LF

Ver.021

Seq.	Field Description	Start of Field Position	Mandatory (M) Optional (O)	Field Type and Length
1	Structure ID	1	M	A 20
2	Company ID	21	M	An 03
3	Company VAT No.	24	M	An 11
4	Barcode structure number	35	O	An 06
5	Issue date	41	M	Dt
6	Date of last change/addition	49	M	Dt
7	Filler	57	M	An 69
8	Barcode structure version	126	M	N 03
9	Filler	129	M	An 43

Record length 171 bytes + CR LF

The fields below are the same found in the header of the price list. For a detailed description, please see the previous sections that refer to the price list header.5.1. Structure of the Header Version 021

Seq.	Field Description	Start of Field Position	Mandatory (M) Optional (O)	Field Type and Length
1	Structure ID	1	M	A 20
2	Company ID	21	M	An 03
3	Company VAT No.	24	M	An 11
4	Barcode structure number	35	O	An 06
5	Issue date	41	M	Dt
6	Date of last change/addition	49	M	Dt
7	Filler	57	M	An 69
8	Barcode structure version	126	M	N 03
9	Filler	129	M	An 21

Record length 149 bytes + CR LF

The fields below are the same found in the header of the price list. For a detailed description, please see the previous sections that refer to the price list header.

Barcode structure	Price list structure
Company ID	Company ID
VAT No.	VAT No.
Barcode structure number	Price list number
Issue date	Effective date
Date of last change/addition	Date of last change/addition
Barcode structure version	structure version

Structure ID Field

This field must contain the value **METEL BARCODE**. The field must be left aligned and small letters are not allowed, example:

B	A	R	C	O	D	E		M	E	T	E	L							

Each cell corresponds to one character.

5.2 Structure of the Lines Barcode Version 020 and 021

Ver.020

Seq.	Field Description	Start of Field Position	Mandatory (M) Optional (O)	Field Type and Length
1	Company Item Number	1	M	An 16
2	EAN 13 Code	17	M	N 13
3	Barcode Qualifier	30	O	An 01
4	Package Barcode	31	M	An 14
5	Unit of Measure	45	M	An 03
6	Package Quantity	48	M	N 7.2
7	Reciprocal	55	M	N 1
8	Maximum dimension base/diameter	56	M	N 5.3
9	Minimum dimensions base	61	M	N 5.3
10	Maximum height dimension	66	M	N 5.3
11	Can be overturned	71	O	N 1
12	Gross Weight	72	M	N 8.3
13	Date Introduced	80	O	Dt
14	Date of last change/addition	88	M	Dt
15	Net product weight	96	O	N 5.3
16	Package Type	101	M	An 3
17	Conventional copper weight	104	O	N8.4
18	Weight Unit of Measurement	112	O	An 1
19	Intrastat Code	113	O	An 8
20	Filler	121	M	An 8

Record length 128 bytes + CR LF

Ver.021

Seq.	Field Description	Start of Field Position	Mandatory (M) Optional (O)	Field Type and Length
1	Company Item Number	1	M	An 16
2	EAN Code/ Barcode	17	M	An 35
3	Package Barcode Qualifier	52	O	An 01
4	Package Barcode	53	M	An 35
5	Unit of Measure	88	M	An 03
6	Package Quantity	91	M	N 7.2
7	Reciprocal	98	M	N 1
8	Maximum dimension base/diameter	99	M	N 5.3
9	Minimum dimensions base	104	M	N 5.3
10	Maximum height dimension	109	M	N 5.3
11	Can be overturned	114	O	N 1
12	Gross Weight	115	M	N 8.3
13	Date Introduced	123	O	Dt
14	Date of last change/addition	131	M	Dt
15	Net product weight	139	O	N 5.3
16	Package Type	144	M	An 3
17	Conventional copper weight	147	O	N8.4
18	Weight Unit of Measurement	155	O	An 1
19	Intrastat Code	156	O	An 8
20	Filler	164	M	An 8

Record length 171 bytes + CR LF

5.2.1 COMPANY ITEM NUMBER

ver.020 – from position 1 to 16 – An 16 – M
ver.021 – from position 1 to 16 – An 16 – M

See the information regarding the company item number under the price list.

5.2.2 EAN CODE/BARCODE

Ver.020 – from position 17 to 29 – N 13 – M

Ver.021 – from position 17 to 51 – AN 35 – M

This field contains the EAN 13 of the item (or EAN 128, ITF14 or DUN 14, only if EAN 13 is not available and only on 021 version 021).
See the information regarding the EAN 13 code and Barcode under the price list.

5.2.3 PACKAGE BARCODE QUALIFIER

Ver.020 – from position 30 to 30 – AN 01 – O

Ver.021 – from position 52 to 52 – AN 01 – O

Description

As different types of barcodes or proprietary codes can be used on the packages, the type must be specified from among the following:

EAN 13
ITF 14
DUN 14
LOGISTIC CODE WITHOUT BARCODE
EAN128 only for version 021

For the definitions of each of these codes, please see the last annex on barcodes.

Below is the key to the classification:

- 1 = EAN 13
- 2 = ITF 14
- 3 = DUN 14
- 4 = LOGISTIC CODE WITHOUT BARCODE
- 5 = EAN 128 **only for version 021**

Technical Information

This field is numerical and only values 1, 2, 3, 4, 5 (**only for version 021)** are allowed.

5.2.4 PACKAGE BARCODE

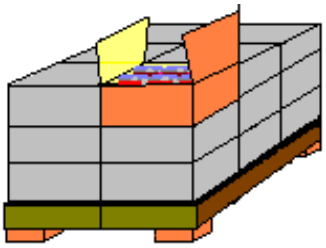
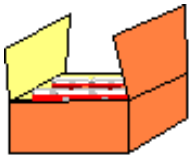
Ver.020 – from position 31 to 44 – An 14 – M

Ver.021 – from position 53 to 87 – An 35 – M

Description

This field contains the barcode for each product on each package of the product. If the LOGISTIC CODE is used, we recommend that it be included on the product packaging.

Example

- Pallet  80 12345 88888x pcs: 4000
- Carton  80 12345 66666x pcs: 200
- Package  80 12345 33333x pcs: 10
- Piece  80 12345 11111x pcs: 1

Technical Information

As the barcode identified in this field can be either EAN 13 or a barcode 14 characters long, the length of the field must be 14. When using an EAN 13 code, the missing character is to be filled with a space (instead of a zero, to avoid confusion). Same indication is valid for the other kinds of code, included EAN 128 valid only for version 21.Therefore, the field is considered alphanumeric; but it must be right aligned.

If the LOGISTIC CODE is used, this field can be used an alphanumeric field, left aligned, filling it with spaces to the right.

The use of this code must be agreed between the parties and the barcode reading program of the Barcode list recipient must be adapted.

The use of this code is not binding for management of the seller's packages, but it can represent a service level for the retailer.

It is due to its dynamics that the Barcode list must be updated separately from the Metel price list.

Should the parties find the logistic code useful in managing orders, it can be specified in each line detail of the order in the notes section.

In particular, for the Flat File:

RA	Type of Record	An2	M	**RB = operative detail notes for each individual line**
PART	PARTNER code	An20	M	**Generated by the application**
RB1004A	Document number	An16	M	**Number of the document**
RB1082A	Row number	N6	M	**Number of the row in the order**
RB4451A	Text object qualifier	An3	C	**PKG = note for managing the packaging**
RB4441A	Free notes, codified	An3	C	**Leave empty**
RB3453A	Language, codified	An3	C	**EN**
RB4440A	Note No. 1	An70	C	**Logistic Code**

In particular, for the EDIFACT File:

SG25- M200000 -		LIN-PIA-IMD-QTY-DTM-FTX-SG28-SG29-SG30-SG33-SG34-SG35-SG39-SG45			
FTX –O99-		OPERATIVE NOTES FOR LINE ITEMS			
Function :		Use to provide notes for handling the order			
Segment No:	48				
		EDIFACT	EAN	MET	Description
4451	**Text object qualifier**	**Man..3**	M	**M**	**PKG = notes for handling packaging**
4453	Purpose of codified text	Can..3	O	N	
C107	Text References	C	D	C	
4441	Free notes, codified	Man..3	M	C	
1131	Code List Qualifier	Can..3	O	N	
3055	Company responsible for codes	Can..3	O	N	
C108	**Note Text**	**C**	D	**C**	
4440	**Note No. 1**	**Man..70**	M	**M**	**Logistic Code**
4440	Note No. 2	Can..70	O	O	
4440	Note No. 3	Can..70	O	O	
4440	Note No. 4	Can..70	O	O	
4440	Note No. 5	Can..70	O	O	
3453	**Language, codified**	**Can..3**	D	**M**	**EN**

5.2.5 UNIT OF MEASURE

Ver.020 – from position 45 to 47 – An 03 – M

Ver.021 – from position 88 to 90 – An 03 – M

This field contains:

- The unit of measure listed on the price list row in all cases in which the package described in the individual line of the barcode structure is an order of magnitude greater than the type of packaging that the line on the price list refers to.
- Otherwise, the unit of measure an order of magnitude less.

Taken as reference the Carton Quantity on Price List, is possible to attribute the unit of measure of packaging.

Example

Price list

- Unit of measure = PCE (unit of reference for price)
- EAN 13 = EAN code for the item
- Carton Quantity = 240 (normally" handled for shipment by the seller).

Barcode structure

1st line (package of 10 pieces)

- EAN 13 = EAN code for the item (refers to price list)
- Package barcode = EAN code of the package (of 10 pieces)
- Package quantity = 10
- Unit of Measure = PCE (as per the price list)
- Reciprocal = 1 (package quantity less than carton quantity)
- Package Type = BX (carton)

2nd line (package of 240 pieces)

- EAN 13 = EAN code for the item (refers to price list)
- Package barcode = EAN code of the package (of 240 pieces)
- Package quantity = 240
- Unit of Measure = PCE (as per the price list)
- Reciprocal = 0 (package quantity equal to carton quantity)
- Package Type = BX (carton)

3rd line (package of 500 pieces)

- EAN 13 = EAN code for the item (refers to price list)
- Package barcode = EAN code of the package (of 500 pieces)
- Package quantity = 500
- Unit of Measure = PCE (as per the price list)
- Reciprocal = 2 (package quantity greater than carton quantity)
- Package Type = PL (pallet)

5.2.6. PACKAGE QUANTITY CONFEZIONE

Ver.020 – from position 48 to 54 – N 7.2 – M

Ver.021 – from position 91 to 97 – N 7.2 – M

Description

This field contains the quantity (expressed in the unit of measure) of product contained in the package that the line refers to. Thus, it expresses:

- The quantity of EAN 13 codes that are included in the "package barcode" package in the hypothesis that the package described is of an order of magnitude greater than the type described (of the unit of measure) in the price list line.

- If not, then it represents how many "barcodes" are included in the EAN 13 code.

In the first case:

- The "EAN code" indicates the product involved (ex. switches)
- The "package barcode" identifies which package is involved (ex. box of switches).
- The "package quantity" associated with that package is the number contained therein (ex. 200 switches per carton).

See point No. 7, "Reciprocal" for the case that the package level is of a lower level than the EAN 13.

Technical Information

This field calls for two decimals:

15 ➔ 0 0 0 1 5 0 0

8.5 ➔ 0 0 0 0 8 5 0

0 0 1 0 0 0 0 ➔ **100**

0 0 0 8 3 6 0 ➔ **83.6**

5.2.7 RECIPROCAL

Ver.020 – from position 55 to 55 – N 01 – M

Ver.021 – from position 98 to 98 – N 01 – M

Description

This field is used to describe all the types of packaging for a product.

Taking the carton quantity indicated in the price list as a refrence, it is possible recognize and distinguish in this field the packages of an order:

-greater RECIPROCAL = 2
-equal RECIPROCAL = 0
-lower RECIPROCAL = 1

Example

Price list

- Unit of measure = PCE (unit of reference for price)
- EAN 13 = EAN code for the item
- Carton Quantity = 240 (normally" handled for shipment by the seller).

Barcode structure

1st line (package of 10 pieces)

- EAN 13 = EAN code for the item (refers to price list)
- Package barcode = EAN code of the package (of 10 pieces)
- Package quantity = 10
- Unit of Measure = PCE (as per the price list)
- Reciprocal = 1 (package quantity less than carton quantity)
- Package Type = BX (carton)

2nd line (package of 240 pieces)

- EAN 13 = EAN code for the item (refers to price list)
- Package barcode = EAN code of the package (of 240 pieces)
- Package quantity = 240
- Unit of Measure = PCE (as per the price list)
- Reciprocal = 0 (package quantity equal to carton quantity)
- Package Type = BX (carton)

3rd line (package of 500 pieces)

- EAN 13 = EAN code for the item (refers to price list)
- Package barcode = EAN code of the package (of 500 pieces)
- Package quantity = 500
- Unit of Measure = PCE (as per the price list)
- Reciprocal = 2 (package quantity greater than carton quantity)
- Package Type = PL (pallet)

5.2.8 MAXIMUM DIMENSIONS BASE/DIAMETER

Ver.020 – from position 56 to 60 – N 5.3 – M

Ver.021 – from position 99 to 103 – N 5.3 – M

Description

The field indicates the length (expressed in meters with three decimal points) of the maximum dimension of the base, of for cylindrical containers, the diameter.

In other words, if the package is a drum or roll, this field indicates the diameter. If it is a carton, the greater of the two lengths of the base must be indicated.

If the seller is not able to provide this information, the field must be filled with zeros.

Technical Information

This field has three decimal places and is expressed in meters:

1.5 metres ➔ | 0 | 1 | 5 | 0 | 0 |

| 0 | 1 | 8 | 0 | 0 | ➔ **1.8 metres**

5.2.9. MINIMUM DIMENSIONS BASE

Ver.020 - from position 61 to 65 – N 5.3 - M

Ver.021 - from position 104 to 108 – N 5.3 – M

Description

This field indicates the length (expressed in meters with three decimal points) of the minimum dimension of the base. If the container is cylindrical, this value is zero.

In other words, if the package is a drum or roll (coil), this field will be filled with zeros. If it is a carton, the smaller of the two lengths of the base must be indicated.

If the seller is not able to provide this information, the field must be filled with zeros.

Technical Information

This field has three decimal places and is expressed in meters:

1.2 metres ➔ 0 1 2 0 0

0 0 0 0 0 ➔ **The max base dimension represents a diameter. The package is a cylinder.**

5.2.10 MAXIMUM HEIGHT DIMENSION

Ver.020 – from position 66 to 70 – N 5.3 – M

Ver.021 – from position 109 to 113 – N 5.3 – M

Description

This field indicates the height of the package, expressed in meters, with three decimal points.

If the seller is not able to provide this information, the field must be filled with zeros.

5.2.11 CAN BE OVERTURNED

Ver.020 – from position 71 to 71 – N 1 – O

Ver.021 – from position 114 to 114 – N 1 – O

Description

This field can have one of two values:

1 = YES
0 = NO

The information (effectively related more to the type of product than to the type of packaging) indicates to whoever receives the goods if it is possible to overturn the package or not. When the products are **cables** as the coils are transported and handled with pallets, and therefore cannot be overturned, it is determined that ***0 is equivalent to coils and 1 to spools***.

5.2.12 GROSS WEIGHT

Ver.020 – from position 72 to 79 – N 8.3 – M

Ver.021 – from position 115 to 122 – N 8.3 – M

Description

This field contains the value of the gross weight, expressed in kilograms, of the package full of the product. It is mandatory for companies who are registered with INDICOD to enter the gross weight or if they are not equipped to do so, to provide information as to when they will insert it.

If the seller is not able to provide this information, the field must be filled with zeros.

5.2.13 DATE INTRODUCED

Ver.020 – from position 80 to 87 – Dt – O

Ver.021 – from position 123 to 130 – Dt – O

Description

Only for new products (status = 1 on price list line): this field indicates the date of first availability.

The date introduced can be prior to the date of change/addition shown in the barcode header.

Technical Information

This field is numerical, the date must be expressed in the YYYYMMDD format (ex. 27 September 1996 □□□ 19960927). If not available, fill with zeros.

5.2.14 DATE OF LAST CHANGE/ADDITION

Ver.020 – from position 88 to 95 – Dt – O

Ver.021 – from position 131 to 138 – Dt – O

See the information regarding the date of last change/addition under the price list.

5.2.15 NET PRODUCT WEIGHT

Ver.020 – from position 96 to 100 – N 5.3 - O

Ver.021 – from position 139 to 143 – N 5.3 – O

Description

Taken from the Official Gazette No. 261 dated 8/11/2000.
The weight (mass in kg without packaging) is required for Annexes Intra 1 bis and Intra 2 bis. **It is required when:**

The parties involved present monthly summary lists. All columns of the module are mandatory if the operations are summarized for tax reasons and for statistics.
When the operations are summarized only for tax reason, the weight field is not required.

For more information, please refer to pages 26, 29, 32, 33, 37, 46, 47, 49, II, and V of the Official Gazette No. 261 dated 8/11/2000, annex 7, section 1. 27 October 2000.

The net product weight is the mass in kilograms without packaging. **This field contains the weight <u>in kilograms</u> for the single product identified in the field "company item number".**

For cables, this field indicates the net weight of a **<u>cable in kilograms per linear meters.</u>**

Technical Information
This field has three decimal places and is expressed in kilograms. If the seller is not able to provide this information, the field must be filled with zeros.

0.232 kilograms ➔ | 0 | 0 | 2 | 3 | 2 |

| 0 | 1 | 5 | 0 | 0 | ➔ **1.5 kilograms**

5.2.16 PACKAGE TYPE IMBALLO

Ver.020 – from position 101 to 103 – An 3 – M

Ver.021 – from position 144 to 146 – An 3 – M

Description

This field indicates the type of packaging associated with the EAN code specified in the field "**Package EAN code**".
If the seller is not able to provide this information, the field must be filled with spaces.
Only in case of bulk is allowed using code "NE".

Technical Information

Following is a table of the abbreviations permitted for this field:

AE	Cylinder	**DJ**	Unprotected demijohn
AST	Holder	**DP**	Protected demijohn
BAS	Tub	**DPE**	Display stand packaging
BE	Tape	**EN**	Envelope
BG	Bag	**FP**	Heat shrink film
BME	Blister	**GAB**	Crates
BO	Bottle	**HAN**	Hanging
BOB	Coil	**JR**	Jar
BRI	Brick	**MAT**	Hank
BX	Box	**NE**	No package
CA	Can/rectangular tin	**PAE**	Wrapper
CBL	Small bottle	**PL**	Pallet
CG	Metal container	**PU**	Tray
CON	Container	**PUE**	Film Tray
CR	Case	**STL**	Stick
CT	Carton	**TU**	Tube
CX	Can/cylindrical tin	**UUE**	Net
PA	PacchettoPackage	**PK**	Pack
RL	PVC reel		

5.2.17 CONVENTIONAL COPPER WEIGHT

Ver.020 - from position 104 to 111 – N 8.4 – C

Ver.021 - from position 147 to 154 – N 8.4 – C

Description

The field indicates the quantity of copper present in the product, expressed in kilograms/kilometer. If the seller is not able to provide this information, the field must be filled with spaces. The value is mandatory for all manufacturers who use the copper adjustment in the order cycle and must be that reported in the AICE code published on the website.

5.2.18 WEIGHT UNIT OF MEASUREMENT

Ver.020 – from position 112 to 112 – An 1 – C

Ver.021 – from position 155 to 155 – An 1 – C

Description

The field indicates the unit of measurement of weights, both gross and net, when it is necessary to provide a value greater than 99.999 Kg.

The field is optional and should be left blank of a reference in m/kg is maintained, otherwise for greater values use a value with Q (Quintal)

5.2.19 INTRASTAT CODE

Ver.020 – from position 113 to 120 – An 8 – C

Ver.021 – from position 156 to 163 – An 8 – C

Description

The code contains the Intrastat code linked to the Net Weight of product, assigned by the foreign country in case of selling between intra communitary exchange of goods.

The field is optional and is recomended its filling in case of Intrastat fluxes.

5.2.20 FILLER

Ver.020 – from position 121 to 128 – AN 8 - O

Ver.021 – from position 164 to 171 – AN 8 - O

Description

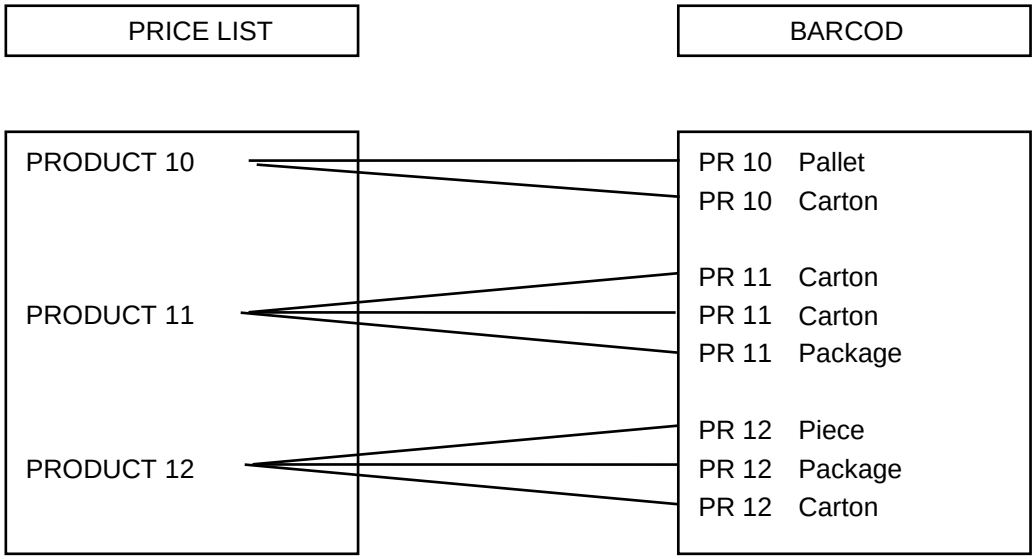
This field does not contain any information.

In order to facilitate future extensions - with the addition of new fields - this field must not be used in any manner.

Technical Information

This field must be filled with spaces.

5.3 Note on how to connect the Price List to the Barcode



A product registered on the price list can have numerous packaging (= line on barcode structure).

The relation of a line of the price list and one or more lines in the barcode structure can be constructed in two different ways:

PRICE LIST		BARCOD
EAN 13 code	-	EAN 13 code
Company Item Number	-	Company Item Number
Company ID	-	Company ID

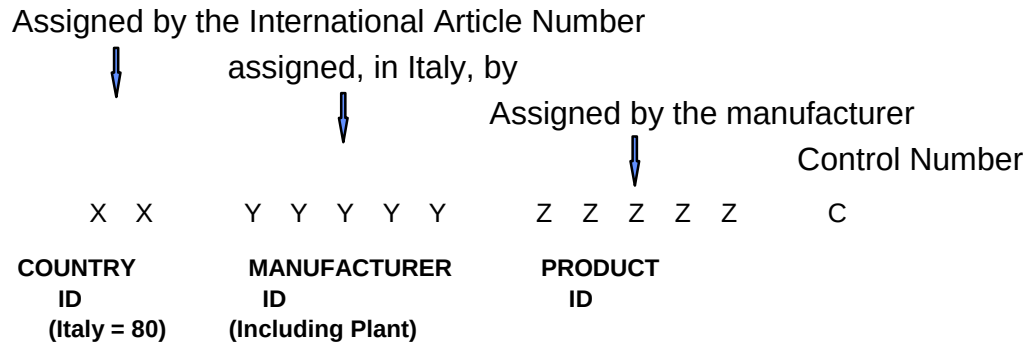
We recommend using the first method for relation.

5.4 Note on the Barcode Type

Three types of barcode are discussed below:

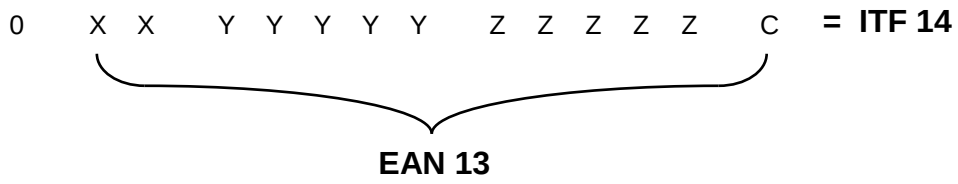
- **EAN 13**
- **ITF 14**
- **DUN 14**

The format of the first has 13 characters with the following meaning:



Furthermore, it follows defined printing specifications (regarding the dimensions and succession of the bards).

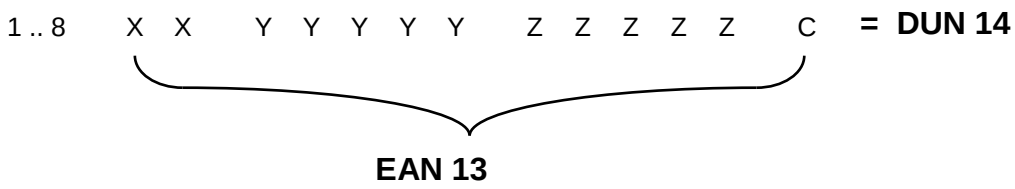
The second (Interleaved Two of Five) is nothing but an EAN 13 that has a 0 added in front.



But it does have a significant difference in terms of the printing specification for the bars. The bars are thicker and have only two sizes. Overall, the symbol is larger and is lends itself to being printed and read on cardboard.

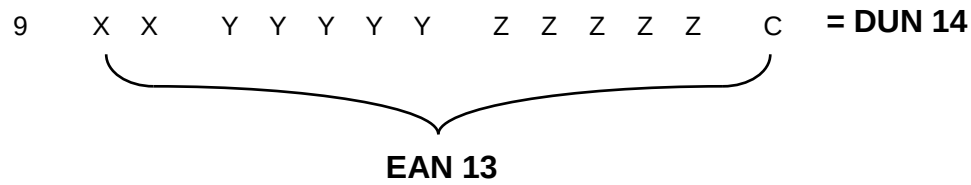
The third, (Despatch Unit Number) is a barcode printed according to ITF specifications in terms of thickness and type of bar. In terms of the content, it there are two options:

🕓 The prefix is a number from 1 to 8



and has a specific meaning defined by the seller.
(For ex, "carton of 10 packs" or "produced in the Dutch plant"...)

🕓 The prefix is 9.



The "9" indicates that after the DUN 14 barcode there is another 6 character barcode that indicates the quantity (in the unit of measure determined by the seller) contained in the package.

5.5 Overall Table of Information in the Price List - Barcode

The structure of the price list – in terms of the whole structure of the price list and barcode - contains three different types of information:

- Details on parties
- Commercial
- Logistical

For each type of information, following tables include the:

- Definitions
- Principles used

5.5.1 Details on parties

INFORMATION	POSITION	DEFINITION	USE
Company ID	Price list (header)	Using a 3 character code, it identifies the seller to which the price list refers	Allows price lists for different suppliers to be distinguished for each other
Company Item Number	Price list (line)	Using a series of letters and numbers it identifies a product	It is the "key" used to read all other information regarding the product listed in both the price list and other files (barcode, invoice, delivery note, etc.).
EAN 13 code	Price list (line) Barcode	Using a sequence of numbers, it identifies the item number	Allows the retailer to automate: - "Loading" in the warehouse - "Discharge" upon sale - The inventory of the item number (using a barcode reader)
Barcode Qualifier	Barcode	Identifies the type of barcode used (EAN 13, ITF 14, or DUN 14) for the different types of packaging of the product.	Allows the barcode to be recognized
Description	Price list (line)	Describes the product to which the code refers	Describes the product clearly - On delivery notes upon receipt and shipment - On quotations prepared by the retailers to their customers - On the terminal during searches performed by the retailers employees (purchasing, sales floor, etc.)
Composite Product	Price list (line)	Indicates if the company item number identifies a single product or a set of different products	Allows the goods to be recognized upon receipt and allows them (many items/packages) to be loaded under a single item number.
Product status	Price list (line)	This field contains qualitative information on the mode for handling item number	Analysis of the codes included on the price list, in terms of handling mode used by the wholesaler, and status

5.5.2 Commercial Information

INFORMATION	POSITION	DEFINITION	USE
VAT No.	Price list (header)	Identifies the seller – for tax reasons - to which the price list refers	Evaluation and checking of invoices/delivery notes
Price list ID	Price list (header)	Identifies the year which the price list is valid and the progressive number (it is the first or the fourth price list from 1996)	Allows the wholesaler to reconstruct the sequence of the price lists received to perform checks, inspections, and to replace (partially or totally) a few items/values of the modified fields.
Effective date	Price list (header)	This is the date that the price list becomes effective	It is a reference for the wholesaler for updating their price lists
Wholesale price	Price list (line)	This is the price for reference for the wholesalers on which they can calculate their purchase discounts	It is used by the wholesalers to: - Totalize purchase orders - Check suppliers' invoices - Check any extra-discount conditions applied (starting from the base price) - Check any conditions for the net price
Retail price	Price list (line)	This is the retail sale price on which customer (installer) discounts are calculated	- It is used by the wholesalers to: - Totalize purchase orders (when wholesale price not available) - Check sales invoices (and supplier invoices if the wholesale price is not available) - Draft quotations
Discount Range	Price list (line)	This identifies the sales range for discount and premiums that the item number belongs to	It is used to reconstruct the discount conditions applied.
Statistics Range	Price list (line)	This identifies the statistic range to which the product belongs.	It is used for statistics purposes.
Date introduced	Barcode (lines)	This is the date a new product was introduced (for reference in order preparation)	It is used to coordinate the preparation of orders with the date of effective availability for the new product.

5.5.3 Logistical Information

INFORMATION	POSITION	DEFINITION	USE
Unit of Measure	Price list (line) Barcode	This is the unit of measure for the value listed in the "price" field.	Check for the content of different packages for which the code is distributed
Minimum Order Quantity	Price list (line)	This represent the minimum amount of product that can be ordered for purchase (expressed in the unit of measure)	It is used for the reorder calculations of the wholesaler as a filter for rounding the quantities of specific orders.
Multiple Order Quantity	Price list (line)	This represents the quantity – in multiples – that can be purchased by the wholesaler once the "minimum order quantity" is exceeded.	It is used in the reorder calculations of the wholesaler for the order multiples starting from the minimum order quantity (first restriction).
Maximum Quantity	Price list (line)	This represents the maximum order quantity the seller will commit to within the time defined in the "lead time" (see below).	It is used by the wholesalers in their reorder calculations.
Lead Time	Price list (line)	This is the response time of the seller, starting from receipt of order to delivery to the carrier (under the assumption that the quantity ordered is not greater than the maximum quantity).	This is used in the wholesalers reorder calculations for their needs and safety stocks.
Package quantity	Barcode	This identifies the number of units contained in each type of packaging distributed.	This is a check of the content of the various types of packaging used.
Carton Quantity	Price list (line)	This identifies the unit of logistic handling for the product.	It supports the identification of the best packaging for handling.
Reciprocal	Barcode	This provides and indication of the existing relation (multiple or sub-multiple) between the type of packaging that the sales price refers to and all other forms of packaging shown in the barcode structure.	This is a check of the content of the various types of packaging used.

INFORMATION	POSITION	DEFINITION	USE
Maximum based dimension	Barcode	This identifies the maximum dimension of the package	• Volume occupied calculation • Sizing of the position occupied on the shelving • Calculation of the order volume (sale).
Minimum dimensions base	Barcode	This identifies the minimum dimension of the package	• Volume occupied calculation • Sizing of the position occupied on the shelving • Calculation of the order volume (sale).
Height	Barcode	This identifies the height of the packages	• Volume occupied calculation • Sizing of the position occupied on the shelving • Calculation of the order volume (sale).
Can be overturned	Barcode	This indicates if the package can be overturned or not.	• Volume occupied calculation • Sizing of the position occupied on the shelving
Gross weight	Barcode	Weight of the package	Wight calculation
Package barcode	Barcode	This identifies the package in which the item number of the seller is packaged.	It allows automatic inventory loading and discharge of the package by the wholesaler.

LEAD DELIVERY TRANSPORTE WITHIN..... (working days/weeks	FIELD VALUE
1 day	1
2 days	2
3 days	3
4 days	4
5 days	5
6 days	6
7 days	7
8 days	8
9 days	9
2 wk	A
3 wk	B
4 wk	C
5 wk	D
6 wk	E
7 wk	F
8 wk	G
9 wk	H
10 wk	I
11 wk	J
12 wk	K
13 wk	L
14 wk	M
15 wk	N
16 wk	O
17 wk	P
18 wk	Q
19 wk	R
20 wk	S
21 wk	T
22 wk	U
23 wk	V
24 wk	W
25 wk	X
26 wk	Y
27 wk	Z

ANNEX A

MANDATORY METEL PRICE LIST FIELDS FOR THE PURPOSES OF ASSOCIATION WITH THE TECHNICAL DESIGNATION

Introduction

In addition to all the fields required for certification of Metel price lists, Manufacturers need to carefully fill in the following information.

The construction of a common language which digitally aligns the manufacturers' and distributors' databases allows maximum efficiency along the entire chain and complete compliance with the introduction of the copper incidence. Otherwise, monthly price list updating will be a difficult job for wholesalers in economic terms and with regards to operating efficiency for copper changes, since they are the ones who must perform a monthly, manual update of all cable manufacturers.

1. METEL PRICE LIST FIELDS

1.1 MULTIPLE ORDER QUANTITY

Description

This field must contain the multiple order quantity, expressed in the unit of measurement (spools, coils, drums and boxes) that the company will accept to process an order.
Together with the Minimum Order Quantity field, this is the basis for calculation of the order quantity. Specifically:

Order Quantity = [minimum order quantity + n * [multiple order quantity]

Where n is a whole number (0, 1, 2, 3, etc.)

1.2 MINIMUM ORDER QUANTITY

Description

The minimum order quantity is the minimum quantity – expressed in the unit of measurement – which the company will accept to process an order.
The unit of measurement (piece, blister, etc.) to be used for the calculation of the quantity is listed in the "UNIT OF MEASUREMENT" field.
The minimum order quantity usually equals a physical packaging unit (even if not necessarily with the minimum package); even a single physical piece can be ordered where the seller will allow partial packages.

1.3 WHOLESALE PRICE

&

1.4 RETAIL PRICE

Description

These fields contain the seller's base price to the wholesaler (to which discounts are then applied) and the retail price can be listed if desired. As defined by market agreements they differ basically due to the value of the copper incidence depending on the receivers. Discounts are never included in the prices.

- The procedures for filling in the price depends on the receiver of the price list, which is demonstrated in the following table:

Situation	**Wholesale** Price on the Price List	**Retail** Price on the Price List
A) Retail price **identical to wholesale price** sent to retailer and wholesaler	Mandatory	Mandatory
B) Retail price **different from wholesale price** and price list sent to retailer	Fill the price with zeros	Mandatory
C) Retail price **different from wholesale price** and price list sent to wholesaler.	Mandatory	Mandatory

In order to obtain maximum efficiency manufacturers are recommended to use case C) in this start-up phase.

2. BARCODE LAYOUT FIELDS

2.1 PACKAGE QUANTITY

Description

This field contains the quantity (expressed in the unit of measurement) of product contained in the package that the line refers to;

* Therefore the quantity indicates which product is being discussed (e.g.: coil).
* The "package quantity" associated with that package is the number contained therein (e.g. 200 metres, 500 metres, etc. for the same product).

For each Metel price list line various Barcode price list lines can be entered based on the type of packaging the manufacturer is proposing to the market:

if the cable with manufacturer code xyz present on the metel price list has different packaging types, the included sizes are detailed on the barcode:

Metel price list product xyz corresponds to price list barcode xyz quantity 200 metre coil price list barcode xyz quantity 300 metre spool price list barcode xyz quantity 1000 metre spool

With this connection, the wholesaler knows the possible packaging for product xyz during the order phase.

2.2 NET PRODUCT WEIGHT

For cables, this field indicates the net weight of a cable in kilograms per linear meters.

2.3 PACKAGE TYPE

Description

This field indicates the type of packaging associated with the EAN code specified in the field "**Package EAN code**".

Technical References

A summary of the abbreviations enabled for cables is shown below:

BOB = Spool
BX = Drum
CT = Box or Carton
MAT = Coil

2.4 CONVENTIONAL COPPER WEIGHT

Description

The field indicates the quantity of copper present in the product, expressed in kilograms/kilometre.

The value is mandatory for all manufacturers who use the copper adjustment in the order cycle and must be that reported in the AICE code published on the website.

Treatment specifications for Cable Sector on Metel price list, bill of materials, order, confirmation and despatch note

FLATFILE

PRICE LIST

For a correct application management of all the documents from the order to the invoice it is opportune that each enters the code of the spools, based on their diameter, in the Metel price list.
Metel will be able to combine a table in the cable technical designation system with the code of the spool types identified to date.

BILL OF MATERIALS

Used in the cable sector, the structure of the document can be used to associate the cable (parent line) to the spool (child line), whose codes have already been supplied through the Metel Price List.

ORDER AND CONFIRMATION

"For the cable sector the item number will be able to be connected to the technical destination code which will have a value assigned in the field RA7008A (item not present on metel price list)

If the Bill of Materials is not managed which automatically associates the cable to a spool type, in the Cable sector order it is possible to specify for each line of ordered item, also an order line for the spool on which you want to receive the cable, via the parent and child technique described below.

Example:
ordering 2000 metres of cable with number A1 and order number 11/120, accompanied by the technical designation which identifies the spool package of 1000 metres, the following will occur:

Order: parent line1 - item number A1 - quantity 2000
child line2 - spool code 6 - quantity 2

	1004A	**1082A**	**7140B**	**7140C**	**6060A**	**6411A**	**1082B**
Parent RA	11/120	000001	A1	BRAND CODE	2000	LM	000001
Child RA	11/120	000002	SPOOL A6	BRAND CODE	2	PCE	000001

The manufacturer can confirm the item number and relative spool in the order confirmation.

Confirmation: parent line1 - item number A1 - quantity 2000
child line2 - spool code 6 - quantity 2

	1004A	**1082A**	**7140B**	**7140C**	**6060A**	**6411A**
Parent RA	11/120	000001	A1	BRAND CODE	2000	LM
Child RA	11/120	000002	SPOOL A6	BRAND CODE	2	PCE

If the spool is not specified in the order:

Example:
ordering 2000 metres of cable with number A1 and order number 11/120, the following will occur:
Order: line1 - item number A1 - quantity 2000

	1004A	**1082A**	**7140B**	**7140C**	**6060A**	**6411A**	**1082B**
RA	11/120	000001	A1	BRAND CODE	2000	LM	-

Confirmation: line1 - item number A1 - quantity 2000

	1004A	**1082A**	**7140B**	**7140C**	**6060A**	**6411A**
RA	11/120	000001	A1	BRAND CODE	2000	LM

DESPATCH NOTE:

For each item line for which a partial or complete delivery is made, it is obligatory to indicate the package reference used for each item line in order to connect the purchased cable and packaging (spool diameter).

Example:

In order 138/11 on line 26 item A1 – qty 2000 metres is ordered. It is all delivered with despatch note 14/2011 on 3 spools which contain 500 metres, 498 metres and 1002 metres, respectively.

On the Metel despatch note, there should be:
RA 14/2011 - A1 – ordered qty 2000 – sent qty 2000 - ref. Ord.138/11 line 26
RC bob 1 code - quantity 500
RC bob 1 code - quantity 498
RC bob 1 code - quantity 1002

	1004A	**1082A**	**7140B**	**6060 A**	**6411 A**	**6064 A**	**1154A**	**1154D**
RA	14/2011	000001	A1	2000	LM	2000	138/11	26
	1004A	**1082A**	**8260A**	**6060 A**				
RC	14/2011	000001	BOB 1	500				
RC	14/2011	000001	BOB 1	498				
RC	14/2011	000001	BOB 1	1002				

EDIFACT

PRICE LIST

For a correct application management of all the documents from the order to the invoice it is opportune that each enters the code of the spools, based on their diameter, in the Metel price list.

Metel will be able to combine a table in the cable technical designation system with the code of the spool types identified to date.

BILL OF MATERIALS

Used in the cable sector, the structure of the document can be used to associate the cable (parent line) to the spool (child line), whose codes have already been supplied through the Metel Price List.

ORDER AND CONFIRMATION

"For the cable sector the product number will be able to be connected to the technical designation code which will have a value assigned in sg25IMD 7008 first occurrence with 7077=C.

If the Bill of Materials is not managed which automatically associates the cable to a spool type, in the Cable sector order it is possible to specify for each line of ordered item, also an order line for the spool on which you want to receive the cable, via the parent and child technique described below.

Example:

ordering 2000 metres of cable with number A1 and order number 11/120, accompanied by the technical designation which identifies the spool package of 1000 metres, the following will occur:

Order: parent line1 - item number A1 - quantity 2000
child line2 - spool code 6 - quantity 2

	LIN 1082	**LIN C829.1082**	**PIA C212(1).7140**	**PIA C212(2).7140**	**QTY 6060**	**QTY 6411**
Parent RA	000001	000001	A1	BRAND CODE	2000	LM
Child RA	000002	000001	SPOOL A6	BRAND CODE	2	PCE

The manufacturer can confirm the item number and relative spool in the order confirmation.

Confirmation: parent line1 - item number A1 - quantity 2000
child line2 - spool code 6 - quantity 2

	LIN 1082	**LIN C829.1082**	**PIA C212(1).7140**	**PIA C212(2).7140**	**QTY 6060**	**QTY 6411**
Parent RA	000001	000001	A1	BRAND CODE	2000	LM
Child RA	000002	000001	SPOOL A6	BRAND CODE	2	PCE

If the spool is not specified in the order:

Example:
ordering 2000 metres of cable with number A1 and order number 11/120, the following will occur:
Order: line1 - item number A1 - quantity 2000

	LIN 1082	**LIN C829.1082**	**PIA C212(1).7140**	**PIA C212(2).7140**	**QTY 6060**	**QTY 6411**
RA	000001	-	A1	BRAND CODE	2000	LM

Confirmation: line1 - item number A1 - quantity 2000

	LIN 1082	**LIN C829.1082**	**PIA C212(1).7140**	**PIA C212(2).7140**	**QTY 6060**	**QTY 6411**
RA	000001	-	A1	BRAND CODE	2000	LM

DESPATCH NOTE:

For each item line for which a partial or complete delivery is made, it is obligatory to indicate the package reference used for each item line in order to connect the purchased cable and packaging (spool diameter).

Example:

In order 138/11 on line 26 item A1 – qty 2000 metres is ordered. It is all delivered with despatch note 14/2011 on 3 spools which contain 500 metres, 498 metres and 1002 metres, respectively.

On the EDIFACT FORMAT Metel DDT, there should be:

sg25 LIN and QTY - A1 – ordered qty 2000 – sent qty 2000 - ref. Ord.138/11 line 26
sg25 SGP and QTY spool code 1 - quantity 500
sg25 SGP and QTY spool code 1 - quantity 498
sg25 SGP and QTY spool code 1 - quantity 1002

LIN 1082	**PIA 7140**	**PIA 7143**	**QTY 6063**	**QTY 6060**	**QTY 6411**	**QVR 6064**	**RFF 1153**	**RFF 1154**	**RFF 1153**	**RFF 1154**
1	A1	SA	21	2000	LM	2000	ON	138/11	LI	26

SGP 8260	**QTY 6063**	**QTY 6060**
BOB 1	52	500
BOB 1	52	498
BOB 1	52	1002

ANNEX B

Metel Completeness Index (Metel®iC)

INTRODUCTION

The Metel Completeness Index provide a correct and accurate of the real completeness of data for each single item given by Manufacturer.

CALCULATION OF COMPLETENESS INDEX

The calculation is thought on **3 levels** of projection:

1. **ABSOLUTE DATUM** (price list)
2. **DISTRIBUTED DATUM** (on each layout)
3. **MAXIMUM DETAIL** (on barcode/package)

LEVEL 1 – absolut datum on completeness index

- It gives an absolut datum referred to the presence or not of the different layouts defined by Technical Committee.

LEVEL 2- datum distributed on single layout

- It includes the Level 1 and the correspondence between articles code that are on Metel Price List and the other Layouts of the first level.
-
- The article with more than one barcode/package acquires the completeness of Barcode layout based on the weighted average of barcodes/packages inserted on layout.

LEVEL 3 – completeness detail based on fields of Price List and Barcode layouts

- It is based on the article present on Price List and Barcode. Each field defined as mandatory by the Technical Commettee, represents a weight/value that will compose a calculation.

Characters Allowed

Introduction
The MetelDataPool introduces the theme of characters allowed in the roadmap for the exchange of information between companies.

Scenario
It's known that information systems of distributors may have problems in correctly read some special characters.
The first evaluation was to deal with the EDI system that is homogeneous in nature to the type of data exchanged (item, description...)
The world EDI Metel uses the alphabet Edifact UNOB:

ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789., - () / '+: =? "% & *; <> @ ° àòèùìç, is

This alphabet excludes certain special characters and is very limited.
The choice made is based on the encoding used for writing ISO 8859-15.

Characters allowed
The MetelDataPool allows the use of the characters of ISO 8859-15.
This will also be utilized for the proper generation of the input file.

Special Characters iso8859-15 (Latin 9)

see ISO 8859-15 **Latin Alphabet 9**

Characters NOT allowed
Any other character not surveyed in this list will be converted into space "
(as are the 3 dots used by Windows '...')

FLAT GENERATED FROM MetelDataPool
the OUTPUT generated by MetelDataPool in case of special characters, will be different from the input loaded were character are not recognized.

VALIDATION OF CONTENTS
It will be delegated to MetelDataPool any alert of incorrect use of certain characters based on the specification of individual fields.

ISO 8859-15 Latin Alphabet 9

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	NUL 0000	STX 0001	SOT 0002	ETX 0003	EOT 0004	ENQ 0005	ACK 0006	BEL 0007	BS 0008	HT 0009	LF 000A	VT 000B	FF 000C	CR 000D	SO 000E	SI 000F
10	DLE 0010	DC1 0011	DC2 0012	DC3 0013	DC4 0014	NAK 0015	SYN 0016	ETB 0017	CAN 0018	EM 0019	SUB 001A	ESC 001B	FS 001C	GS 001D	RS 001E	US 001F
20	SP 0020	! 0021	" 0022	# 0023	$ 0024	% 0025	& 0026	' 0027	(0028	) 0029	* 002A	+ 002B	, 002C	- 002D	. 002E	/ 002F
30	0 0030	1 0031	2 0032	3 0033	4 0034	5 0035	6 0036	7 0037	8 0038	9 0039	: 003A	; 003B	< 003C	= 003D	> 003E	? 003F
40	@ 0040	A 0041	B 0042	C 0043	D 0044	E 0045	F 0046	G 0047	H 0048	I 0049	J 004A	K 004B	L 004C	M 004D	N 004E	O 004F
50	P 0050	Q 0051	R 0052	S 0053	T 0054	U 0055	V 0056	W 0057	X 0058	Y 0059	Z 005A	[005B	\ 005C	] 005D	^ 005E	_ 005F
60	` 0060	a 0061	b 0062	c 0063	d 0064	e 0065	f 0066	g 0067	h 0068	i 0069	j 006A	k 006B	l 006C	m 006D	n 006E	o 006F
70	p 0070	q 0071	r 0072	s 0073	t 0074	u 0075	v 0076	w 0077	x 0078	y 0079	z 007A	{ 007B	| 007C	} 007D	~ 007E	DEL 007F
80																
90																
A0	NBSP 00A0	¡ 00A1	¢ 00A2	£ 00A3	€ 20AC	¥ 00A5	Š 0160	§ 00A7	š 0161	© 00A9	ª 00AA	« 00AB	¬ 00AC	- 00AD	® 00AE	¯ 00AF
B0	° 00B0	± 00B1	² 00B2	³ 00B3	Ž 017D	µ 00B5	¶ 00B6	· 00B7	ž 017E	¹ 00B9	º 00BA	» 00BB	Œ 0152	œ 0153	Ÿ 0178	¿ 00BF
C0	À 00C0	Á 00C1	Â 00C2	Ã 00C3	Ä 00C4	Å 00C5	Æ 00C6	Ç 00C7	È 00C8	É 00C9	Ê 00CA	Ë 00CB	Ì 00CC	Í 00CD	Î 00CE	Ï 00CF
D0	Ð 00D0	Ñ 00D1	Ò 00D2	Ó 00D3	Ô 00D4	Õ 00D5	Ö 00D6	× 00D7	Ø 00D8	Ù 00D9	Ú 00DA	Û 00DB	Ü 00DC	Ý 00DD	Þ 00DE	ß 00DF
E0	à 00E0	á 00E1	â 00E2	ã 00E3	ä 00E4	å 00E5	æ 00E6	ç 00E7	è 00E8	é 00E9	ê 00EA	ë 00EB	ì 00EC	í 00ED	î 00EE	ï 00EF
F0	ð 00F0	ñ 00F1	ò 00F2	ó 00F3	ô 00F4	õ 00F5	ö 00F6	÷ 00F7	ø 00F8	ù 00F9	ú 00FA	û 00FB	ü 00FC	ý 00FD	þ 00FE	ÿ 00FF