



SLOVENSKI STANDARD

SIST EN 13402-3:2017

01-november-2017

Nadomešča:
SIST EN 13402-3:2013

Označevanje velikosti oblačil - 3. del: Telesne mere in koraki

Size designation of clothes - Part 3: Body measurements and intervals

Größenbezeichnung von Bekleidung - Teil 3: Körpermaße und Sprungwerte

iTeh STANDARD PREVIEW
Désignation des tailles de vêtements - Partie 3 : Mesures du corps humain et intervalles
(standards.iteh.ai)

Ta slovenski standard je istoveten z: EN 13402-3:2017

<https://standards.iteh.ai/catalog/standards/sist/84998d86-6157-4e2c-894e-57d043a3561a/sist-en-13402-3-2017>

ICS:

| | | |
|--------|-----------|---------|
| 61.020 | Oblachila | Clothes |
|--------|-----------|---------|

SIST EN 13402-3:2017

en,fr,de

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 13402-3:2017

<https://standards.iteh.ai/catalog/standards/sist/84998d86-6157-4e2c-894e-57d043a3561a/sist-en-13402-3-2017>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13402-3

September 2017

ICS 61.020

Supersedes EN 13402-3:2013

English Version

**Size designation of clothes - Part 3: Size labelling based on
body measurements and intervals**

Désignation des tailles de vêtements - Partie 3 :
Mesures du corps humain et intervalles

Größenbezeichnung von Bekleidung - Teil 3:
Größenbezeichnung auf der Grundlage von
Körpermaßen und Sprungwerten

This European Standard was approved by CEN on 26 June 2017.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

| | |
|--|----|
| European foreword..... | 3 |
| Introduction | 4 |
| 1 Scope..... | 5 |
| 2 Normative references..... | 5 |
| 3 Terms and definitions | 5 |
| 4 Measurements and intervals | 6 |
| 4.1 General..... | 6 |
| 4.2 Intervals..... | 6 |
| 4.3 Range | 6 |
| 4.4 Combination between primary and secondary dimensions | 6 |
| 5 Information provided on clothing size with the standard pictogram..... | 7 |
| 5.1 General..... | 7 |
| 5.2 Size labelling..... | 7 |
| 5.3 Size designation | 7 |
| 5.3.1 Letter size..... | 7 |
| 5.3.2 Numeric size..... | 8 |
| Annex A (informative) Examples of measurement and interval tables..... | 14 |
| A.1 General..... | 14 |
| A.2 Tables | 14 |
| A.2.1 Men | 14 |
| A.2.2 Women | 18 |
| A.2.3 Boys, girls and infants | 24 |
| A.2.4 Head, hand and foot..... | 33 |
| A.2.5 Letter sizes..... | 35 |
| Bibliography..... | 36 |

ITeH STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 13402-3:2017

[https://standards.iteh.ai/catalog/standards/sist/84998d86-6157-4e2c-894e-](https://standards.iteh.ai/catalog/standards/sist/84998d86-6157-4e2c-894e-57d043a3561a/sist-en-13402-3-2017)

[57d043a3561a/sist-en-13402-3-2017](https://standards.iteh.ai/catalog/standards/sist/84998d86-6157-4e2c-894e-57d043a3561a/sist-en-13402-3-2017)

European foreword

This document (EN 13402-3:2017) has been prepared by Technical Committee CEN/TC 248 "Textiles and textile products", the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2018 and conflicting national standards shall be withdrawn at the latest by March 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 13402-3:2013.

In comparison with EN 13402-3:2013, the following modifications have been made:

- a new title to better relate to the content of the standard;
- a new scope to better relate to the content of the standard;
- reduction of repetitive information throughout the text;
- the old Annex A has been removed, expanded and developed in new Clause 5, *Information provided on clothing size with the standard pictogram* with more examples of pictograms;
- Tables 2, 3, 5, 7, 13, 14, 18, 19, 20, 27, 30, 37, 38 have been removed;
- all tables have been moved to a new Annex A and separated in sections; men, women, children, head hand and foot and letter size;
- a new Annex A was created to give a clearer view of all the tables and the explanatory examples;
- men and women's Tables A.2, A.3, A.4, A.6 and A.8 have been updated from new measurement statistics/surveys from Belgium and Spain – in order to give better coverage of the European population.

EN 13402, *Size designation of clothes*, consists of the following parts:

- *Part 1: Terms, definitions and body measurement procedure (ISO 3635:1981 modified)*
- *Part 2: Primary and secondary dimensions*
- *Part 3: Size labelling based on body measurements and intervals* (the present document)

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 13402-3:2017 (E)**Introduction**

Currently, across Europe, several different systems are used for the size designation and labelling of clothes. This is confusing for consumers and creates inefficiencies across the supply chain. The objective [intention] is to harmonize and simplify the size labelling of clothes for the benefit of consumers and the industry generally.

In order to size mass-produced clothes, the body size of the intended wearer needs to be defined and identified. In order to communicate the size of a garment clearly and visibly, a pictogram is used together with body size ranges of the intended wearer.

Within this document, the values and intervals are provided for reference purposes as examples of best practice and have been adjusted taking into account the latest sizing surveys carried out in Belgium, France, Germany, Netherlands, Romania, Spain and Sweden.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 13402-3:2017

<https://standards.iteh.ai/catalog/standards/sist/84998d86-6157-4e2c-894e-57d043a3561a/sist-en-13402-3-2017>

1 Scope

This European Standard describes a flexible sizing system based on body dimensions and the related size labelling information for consumers, by the use of a standard pictogram.

Examples of labelling clothing with the standard pictogram (see EN 13402-1) are given in Clause 5 in this document.

Examples of tables for body measurements and intervals are given in Annex A (informative) to be used for compiling garment sizes for men, women, boys, girls and infants.

Garment dimensions are not contained in this document.

2 Normative references

Not applicable.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

primary dimension

body measurement, in centimetres, that is used to designate the size of a garment for the consumer

Note 1 to entry: Alternative measuring systems may replace metric system where relevant.

[SOURCE: EN 13402-1:2001, 3.1, modified]

3.2

secondary dimension

body measurement, in centimetres, or in the case of tights, body mass (kilograms) that may additionally be used in designating the size of a garment for the consumer

Note 1 to entry: Alternative measuring systems may replace metric system where relevant.

Note 2 to entry: Tights refers to pantyhose in EN 13402-1 and EN 13402-2.

[SOURCE: EN 13402-1:2001, 3.2, modified]

3.3

cup size

difference between bust girth and underbust girth

3.4

standard pictogram

pictorial symbol used to indicate the position on the body of the relevant dimensions

[SOURCE: EN 13402-1:2001, 3.3], modified]

3.5

interval

difference between the values of two adjoining body measurements

EN 13402-3:2017 (E)**3.6****range**

coverage of one size

Note 1 to entry: For example, for a bust of 88 cm, the range within the size is 86 cm–90 cm with 4 cm intervals; and 87 cm–89 cm with 2 cm intervals.

3.7**letter size**

size which define two bust or chest sizes, i.e. two intervals

Note 1 to entry: Measurements range expressed with letter(s).

3.8**size designation**

identification of the clothing size(s) by the means of alphanumeric characters

4 Measurements and intervals**4.1 General**

The body measurements and the intervals for primary dimensions for size designation (see EN 13402-2) are given for men, women, boys, girls and infants. In addition, the secondary dimensions (see EN 13402-2) are given with the possibilities for a country/company to apply when needed. The possibilities are shown in the tables horizontally for each primary dimension value and vertically for each secondary dimension value.

The link between the primary and secondary dimensions is flexible in order to cover different target groups or specific morphological features of countries.

Examples of measurements and intervals are given in the tables in Annex A (informative) in this document. Examples of pictograms to be used for labelling clothing (see EN 13402-1) are shown in Clause 5.

4.2 Intervals

Intervals listed in the tables of Annex A define the differences between two adjoining body measurements.

4.3 Range

Range is calculated by using one half plus or half minus the interval from the primary or secondary dimension measurement. If the interval is 1,5 cm or less no range will be shown in the pictogram.

Note for odd numbers a gap between ranges can occur if whole numbers are used. If the interval is less than 2 cm no range will be shown in the pictogram, only the centre of the range will be shown.

4.4 Combination between primary and secondary dimensions

The flexibility of the standard sizing system allows each country/company freely to combine different body dimensions according to its requirements. To achieve flexibility, between the primary and secondary dimensions, examples of alternatives are defined in Annex A.

5 Information provided on clothing size with the standard pictogram

5.1 General

This standard provides the flexibility to cover all body shapes and garment types.

The pictogram should be labelled with size designation, primary/and or secondary dimensions.

Companies create the pictogram from their own body measurement tables (see example tables in the Annex A).

The information of size shall be provided at the point of sales with the standard pictogram or similar graphic image. Information related to the range(s) of body dimension(s) has to be provided.

The point of sales covers stores, catalogue, websites etc.

Size labelling may be provided by means of labels, hangtags, packaging, leaflets etc.

When developing the standard pictogram for labelling clothing, decisions shall be taken in regards of:

- size designation: is identified with primary and/or secondary measurements or letter size;
- size range: dependent on the body measurement and the intervals.

5.2 Size labelling

For size labelling, this document is based on the use of the standard pictogram (EN 13402-1). The principle of the determination of dimension range is based on the range of primary dimension and/or the range of the secondary dimension(s).

5.3 Size designation

NOTE For size designation this information is placed above the pictogram as shown in Figure 1.

5.3.1 Letter size

The letter size intervals are used for garments with high fit tolerances like knit wear, sportswear, etc. The meaning of letter size, are based on English language and will remain the same as definition through national translation. Countries/companies may choose which and how many letter sizes to use and the related size intervals (see example in Figure 2 b and 3 b).

In A.2.5, Table A.24, A.25 shows example of range and intervals for upper body measurements.

The meaning of the letter sizes is explained below in English (translated expression in national language):

| | |
|------------|-------------------------|
| XXS | Extra Extra Small |
| XS | Extra Small |
| S | Small |
| M | Medium |
| L | Large |
| XL | Extra Large |
| XXL | Extra Extra Large |
| 3XL | Extra Extra Extra Large |

NOTE 1 The letter size is based on primary and secondary dimensions.

NOTE 2 The range could be extended beyond XXS and/or 3XL if desired.

EN 13402-3:2017 (E)

5.3.2 Numeric size

Primary body dimension is on the 1st position (see example in Figure 2 a, and 3 a). For men and women body height has to be defined in the 2nd position. The other secondary body dimension stands on the 3rd position (see example in Figure 2 c and 3 c).

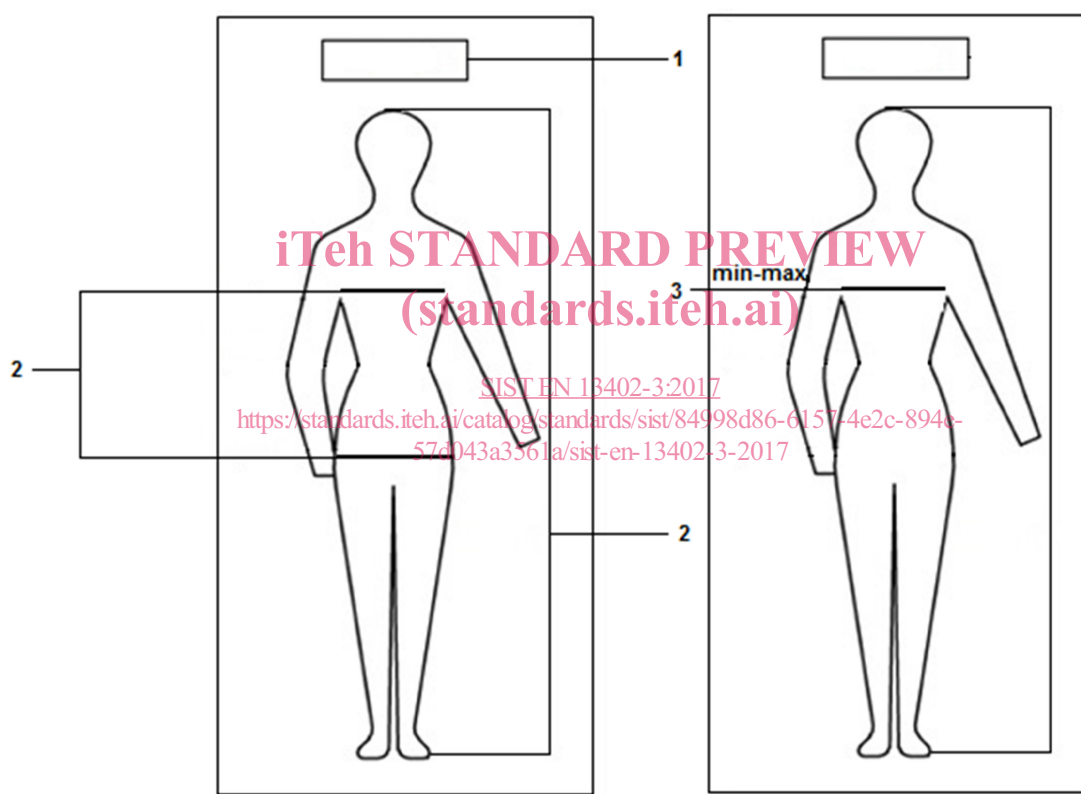
For lower body, hip is the primary body dimension and inside leg length is the secondary dimension is (see example in Figure 4).

For whole body, the primary body dimension is the hip girth and the other secondary body dimensions are bust/chest girth, waist girth and the height dimension (see example in Figure 5).

For children, body height remains always on the 1st position. Secondary dimension follows on 2nd and 3rd position (see example Figure 6 and 7).

The body dimensions are to be separated with a slash.

Dimensions in centimetres



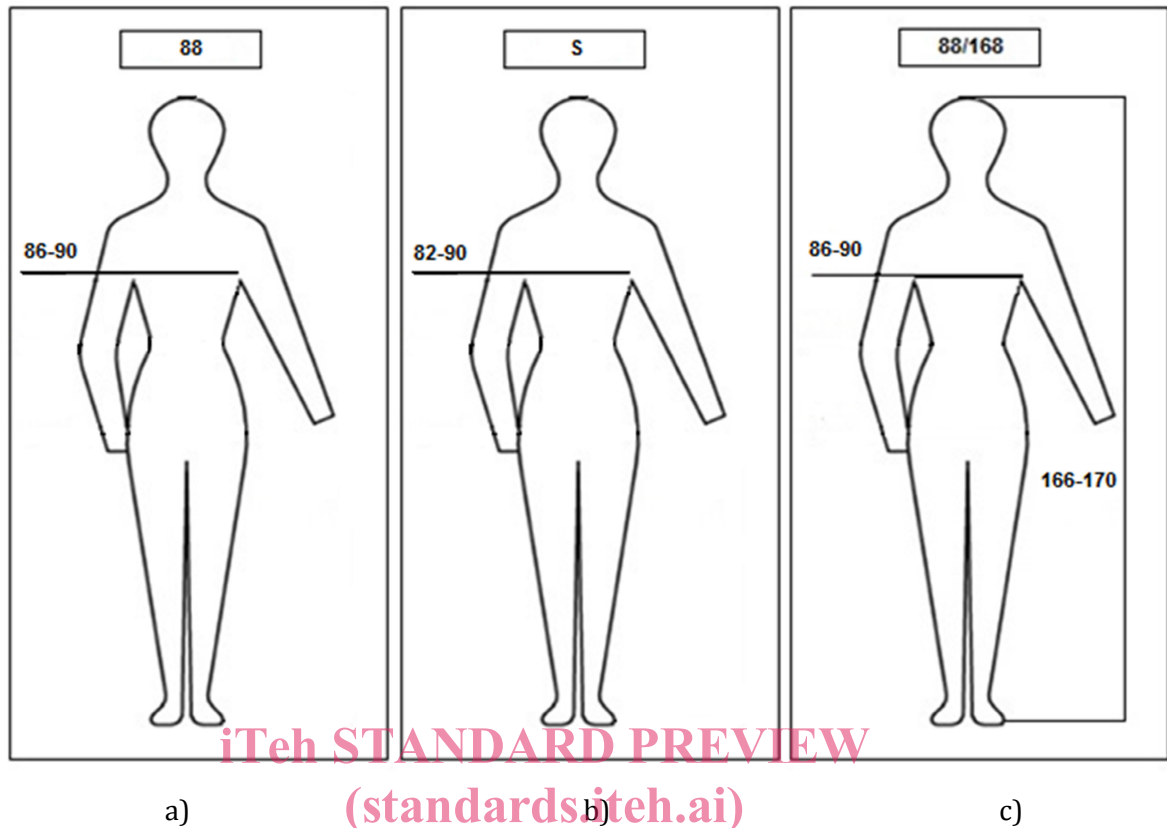
Key

- 1 size designation
- 2 line(s) indicating the position of the primary (PD) and secondary (SD) girth and length measurement
- 3 dimension range indicator

NOTE The body dimension(s) line(s) are indicated with a straight line. The use of arrows to draw the measurement lines is possible.

Figure 1 — Example of developing pictograms for labelling of clothing

Dimensions in centimetres



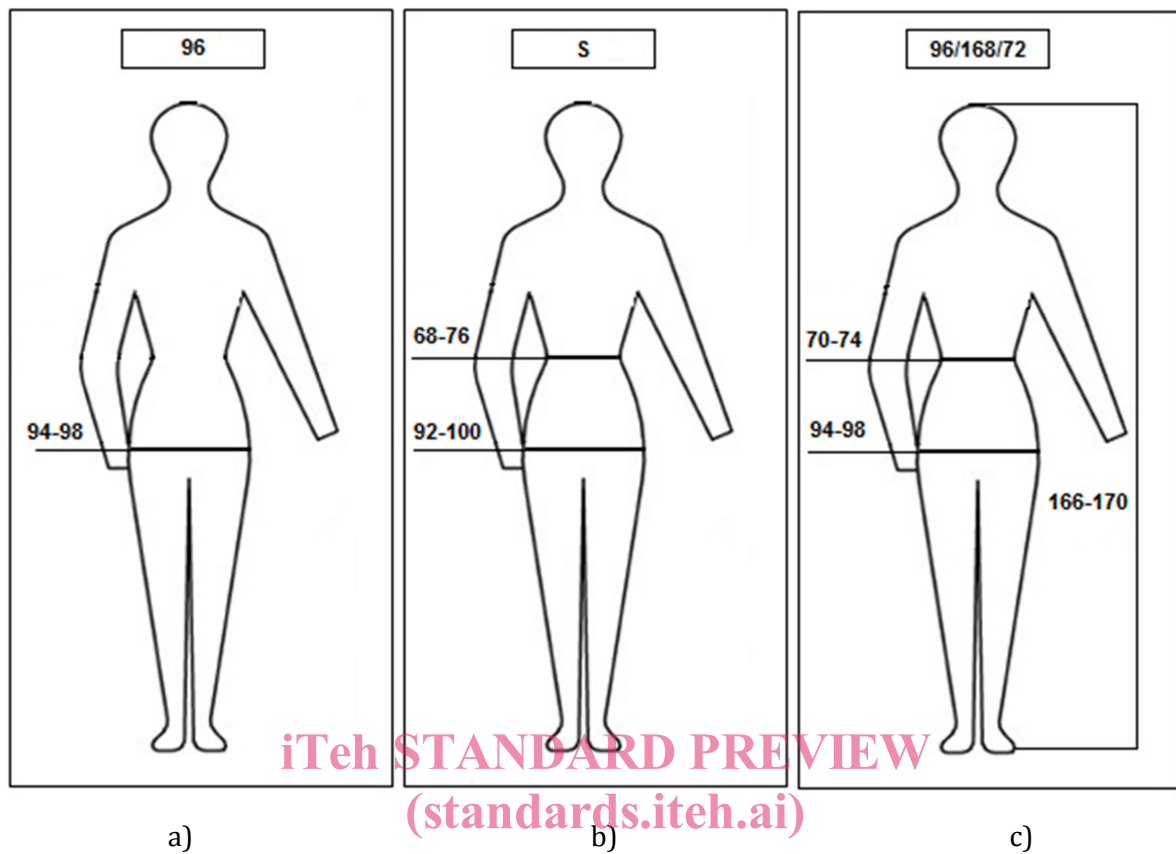
NOTE For upper body measurement bust/chest girth measurement and height measurement is chosen.

<https://standards.iteh.ai/catalog/standards/sist/84998d86-6157-4e2c-894e-336f336a3442>

Figure 2 — Examples of pictograms for labelling of clothing (upper)

EN 13402-3:2017 (E)

Dimensions in centimetres



NOTE For lower body measurement hip/waist girth measurement and height measurement is chosen.

Figure 3 — Examples of pictograms for labelling of clothing (lower)