



## **DRAFT EAST AFRICAN STANDARD**

---

### **Textile garments — Specification — Part 6: Cardigans and sweaters**

**EAST AFRICAN COMMUNITY**

---



### Copyright notice

This EAC document is copyright-protected by EAC. While the reproduction of this document by participants in the EAC standards development process is permitted without prior permission from EAC, neither this document nor any extract from it may be reproduced, stored or transmitted in any form for any other purpose without prior written permission from EAC.

Requests for permission to reproduce this document for the purpose of selling it should be addressed as shown below or to EAC's member body in the country of the requester:

© East African Community 2023 — All rights reserved  
East African Community  
P.O. Box 1096,  
Arusha  
Tanzania  
Tel: + 255 27 2162100  
Fax: + 255 27 2162190  
E-mail: [eac@eachq.org](mailto:eac@eachq.org)  
Web: [www.eac-quality.net](http://www.eac-quality.net)

Reproduction for sales purposes may be subject to royalty payments or a licensing agreement. Violators may be prosecuted.

## Contents

Page

Foreword .....	iv
1     Scope .....	1
2     Normative references .....	1
3     Terms and definitions .....	1
4     Requirements .....	2
4.1   Additional requirements .....	2
4.2   Physical and chemical requirements .....	2
4.3   Dimensions .....	2
4.4   Seams and stitches .....	2
4.5   Reinforcements .....	2
5     Labelling .....	3
6     Sampling .....	3
Annex A (informative) Dimensions of sweaters and cardigans .....	4
Bibliography .....	6

## Foreword

Development of the East African Standards has been necessitated by the need for harmonizing requirements governing quality of products and services in the East African Community. It is envisaged that through harmonized standardization, trade barriers that are encountered when goods and services are exchanged within the Community will be removed.

The Community has established an East African Standards Committee (EASC) mandated to develop and issue East African Standards (EAS). The Committee is composed of representatives of the National Standards Bodies in Partner States, together with the representatives from the public and private sector organizations in the community.

East African Standards are developed through Technical Committees that are representative of key stakeholders including government, academia, consumer groups, private sector and other interested parties. Draft East African Standards are circulated to stakeholders through the National Standards Bodies in the Partner States. The comments received are discussed and incorporated before finalization of standards, in accordance with the Principles and procedures for development of East African Standards.

East African Standards are subject to review, to keep pace with technological advances. Users of the East African Standards are therefore expected to ensure that they always have the latest versions of the standards they are implementing.

The committee responsible for this document is Technical Committee EASC/TC 061, *Textiles, textile products and accessories*.

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

EAS 1141 consists of the following parts, under the general title *Textile garments — Specification*:

- *Part 1: General requirements*
- *Part 2: Shirts*
- *Part 3: T-shirts*
- *Part 4: Skirts and dresses*
- *Part 5: Jackets and coats*
- *Part 6: Cardigans and sweaters*
- *Part 7: Trousers and shorts*

# Textile garments — Specification — Part 6: Cardigans and sweaters

## 1 Scope

This Draft East African Standard specifies requirements, sampling and test methods for cardigans and sweaters (also known as pullovers, jumpers, sweater vests and slip overs).

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

DEAS 1141-1, *Textile garments — Specification — Part 1: General requirements*

ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*

ISO 3759, *Textiles — Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change*

ISO 5077, *Textiles — Determination of dimensional change in washing and drying*

ISO 6330, *Textiles — Domestic washing and drying procedures for textile testing*

ISO 12945-2, *Textiles — Determination of fabric propensity to surface pilling, fuzzing or matting — Part 2: Modified Martindale method*

ISO 18890, *Clothing — Standard method of garment measurement*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 8498 and ISO 8499 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <http://www.iso.org/obp>

### 3.1

#### **cardigan**

knitted garment with or without sleeves, having a front opening, and with or without a fastening and usually worn over other clothes

### 3.2

#### **sweater**

closed outer garment, with or without sleeves, made of knitted material that covers the upper part of the body

### 3.3

#### chest girth

maximum horizontal girth measured during normal breathing with the subject standing upright and the tape-measure passed over the scapulae under the armpits and across the chest

## 4 Requirements

### 4.1 Additional requirements

Sweaters and cardigans shall comply with the colourfastness, restricted chemical substances, pH, fibre composition, packaging and other general requirements specified in DEAS 1141-1.

### 4.2 Physical and chemical requirements

Cardigans and sweaters shall comply with the physical and chemical requirements given in Table 1 when tested in accordance with the test methods specified therein.

**Table 1 — Physical and chemical requirements for cardigans and sweaters**

S/N	Parameter	Requirement	Test method
i	Dimensional change, %, max.	$\pm 5.0$	ISO 5077 ISO 3759 ISO 6330 procedure 4N
ii	Pilling resistance (500 rubs), min.	4	ISO 12945-2

### 4.3 Dimensions

The dimensions of sweaters and cardigans are as given in Annex A for guidance purposes. Garment measurements may be carried out in accordance with ISO 18890.

### 4.4 Seams and stitches

**4.4.1** All joinings shall be stitched with overlock stitches, linking or by covering stitches.

**4.4.2** The number of stitches shall not be less than three stitches per centimetre.

**4.4.3** The shoulder joinings shall be suitably reinforced.

**4.4.4** knit stitches should be secured in order to prevent fraying.

**4.4.5** The fabric used in the manufacture of cardigans and sweaters may be treated with a suitable shrink resistance process.

**4.4.6** In the case of cardigans, the welt shall be securely stitched or linked to the cardigan.

### 4.5 Reinforcements

The seam joining the body and the border, cuffs or sleeves or at the shoulder and other places should be reinforced suitably.

## **5 Labelling**

Sweaters and cardigans shall comply with the labelling requirements in DEAS 1141-1.

## **6 Sampling**

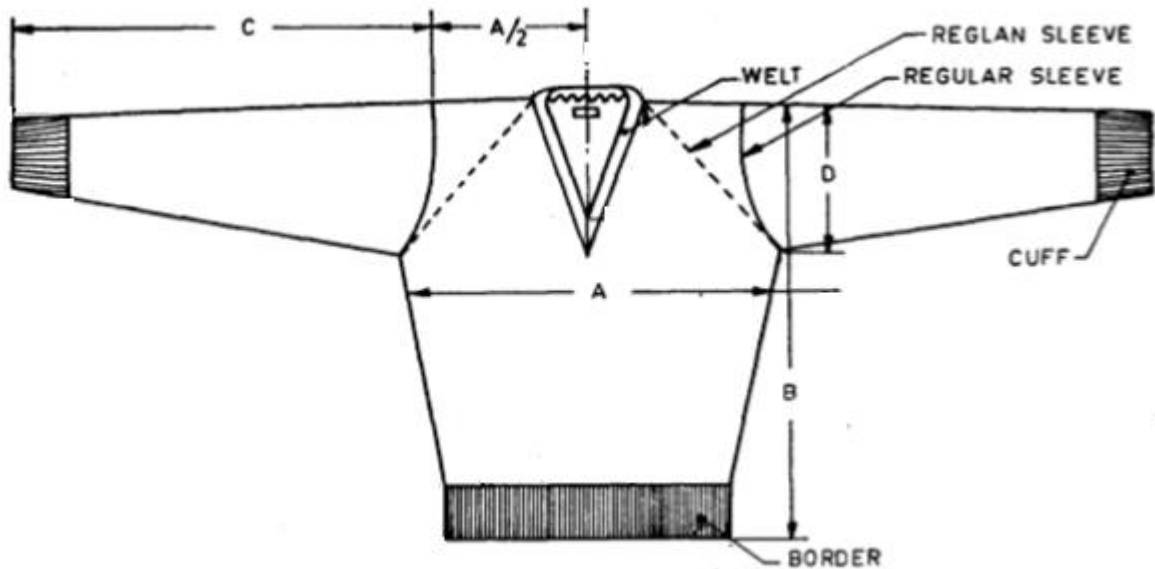
Sampling shall be done in accordance with ISO 2859-1.



**Annex A**  
(informative)

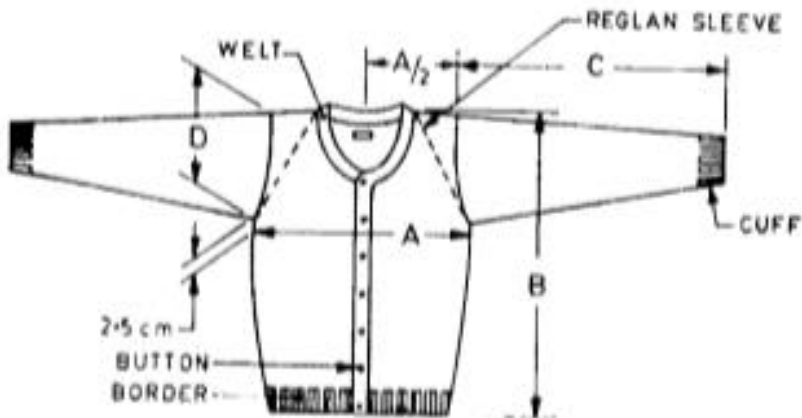
**Dimensions of sweaters and cardigans**

Table A.1 contains dimensions of sweaters and cardigans for guidance purposes only. Figure A.1 and Figure A.2 are examples of a sweater and a cardigan, respectively, to show measurement points.



- Key**
- A Width across chest
  - B Length of sweater
  - C Length of sleeves
  - D Width of opening at armhole

Figure A.1 — Example of a V-neck sweater



**Key**

- A Width across chest
- B Length of cardigan
- C Length of sleeves
- D Width of opening at armhole

**Figure A.2 — Example of a round neck cardigan**

**Table A.1 — Dimensions of sweaters and cardigans**

Size	Width across chest inches
20	10
22	11
24	12
26	13
28	14
30	15
32	16
34	17
36	18
38	19
40	20
42	21
44	22

## Bibliography

US 1970-7: 2021, *Textile garments — Specification — Part 7: Sweaters*

Draft for Public Consultation

Draft for Public Consultation