

**ETHIOPIAN
STANDARD**

ES 145:2021

Fourth edition
xx-xx-2021

CODE OF PACKING OF SEWING THREADS

ICS: 59.080.20

Published by Ethiopian Standards Agency
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Foreword

This Ethiopian Standard has been prepared under the direction of Technical Committee for Textile Threads (TC 69) and published by the Ethiopian Standards Agency (ESA).

This Ethiopian standard cancels and replaces the third edition of ES 145:2003(R-2014) *Code of Packing of Sewing Threads*

In preparing the standard reference was made to Indian Standard IS 1066:1980, *Code for Packing of Sewing Threads*

CODE OF PACKING OF SEWING THREADS

1. SCOPE

This code describes the methods of packing of sewing threads in the form of cones, cheeses, spools, tubes, hanks or skeins in wooden cases or cardboard cartons. The requirements of the packing materials are also specified.

2. NORMATIVE REFERENCES

The following referenced documents are indispensable for the application of this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ES 124 Natural fibers – Terminology.

ES 6265 Terminology Relating to Textiles

ES 6289 - Standard Terminology for Yarn Spinning Systems

3. TERMS AND DEFINITIONS

For the purpose of this standard the definition ES 6289 and ES 6265 shall apply

4. PACKING MATERIALS

4.1. The requirements of the packing materials specified in this standard are given in Table 1.

5. PACKING PROCEDURE

5.1. Packaging

5.1.1. Wrap each cone or cheese in cellophane or polyethylene film. In case of spools, tubes, hanks/skeins and reels, wrap 7, 10, 12 or more units as agreed between the buyer and the seller, in cellophane or polyethylene film. Alternatively pack these units in a cardboard box of suitable size.

5.1.2. Each package shall be marked or alternatively it shall carry a well secured label with the following information:

- Name of the material;
- Ticket number or nominal count;
- Manufacturer's name, initials or trade-mark, if any; and
- Net quantity of sewing thread, that is, length and/or mass.

TABLE 1 REQUIREMENTS OF PACKING MATERIALS

SN.	Material	Requirement
1	Cellophane (cellulose film)	at least of 3 microns thickness
2	Polyethylene film	at least of 10 microns thickness
3	ardboard box	Made from folding box board, minimum 5 plies or 7 plies
4	High density polyethylene, nylon or plastic straps	Width 9-25 mm, Min. Thickness 0.5-1.27 mm, Min

NOTE - 5-ply cartons may be used to carry a load of 30 to 40 kg. However, for heavier loads cartons of 7-ply shall be used.

5.2. Case Packing -

The case shall satisfy the following requirements:

- a) When the case is fully packed, the Hessian-line Kraft paper or waterproof paper forms the outer-most layer. The wrapping materials are in sound, clean and dry condition and are of such size that the overlaps of all the layers are at least 10 cm;
- b) Voids shall be filled with hard waste or paper cuttings. The lid shall then be closed and securely nailed to the case;
- c) Outer surface of the case shall sufficiently be smooth to allow legible markings;
- d) the case shall be bound with two steel strips in such a way that they are positioned parallel to the battens and the strips are taut; and
- e) The gross mass of the case should not exceed 100kg unless specific permission has been obtained for concerned authorities to exceed the specified mass.

5.3. Carton Packing –

The cardboard cartons when packed shall satisfy the following requirements:

- a) The carton is lined with one layer of polyethylene film to cover fully the contents. This should be of adequate size so that the overlaps are at least 10 cm. The polyethylene film is either sealed with suitable adhesive tape or tucked securely to the sides of the carton and the voids are filled with paper clippings.
- b) The lid of the carton is sealed with a suitable adhesive tape;
- c) The carton is bound securely either with steel strips or the high-density nylon, plastic or polyethylene strips suitably positioned around the carton.
- d) The number and gross weight of cones, cheeses, spools, tubes, hanks or skeins in the package should be as per the agreement between the buyer and seller.

6. MARKING

6.1. Each wooden case or cardboard carton shall be marked with the following:

- a) Serial number of the consignment;
- b) Gross and net mass (weight);
- c) Manufacturers' name, initials, or trade-mark, if any; and
- d) Any other information required by the buyer or the law in force.

6.2. All markings shall be printed, sticker and/or writing with hand.

6.3. The height of the letters and figures shall be easily visible/readable.

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- ❖ Develop Ethiopian standards and establish a system that enable to check whether goods and services are in compliance with the required standards,
- ❖ Facilitate the country's technology transfer through the use of standards,
- ❖ Develop national standards for local products and services so as to make them competitive in the international market.

Ethiopian Standards

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