



EAST AFRICAN COMMUNITY



EDICT



OF

GOVERNMENT

In order to promote public education and public safety, equal justice for all, a better informed citizenry, the rule of law, world trade and world peace, this legal document is hereby made available on a noncommercial basis, as it is the right of all humans to know and speak the laws that govern them.

EAS 174 (2000) (English): Specification for Woven bags made from natural fibres for milled products



BLANK PAGE



**US 250:2000
EAS 174**

UGANDA STANDARD

**Specification
for**

**Woven bags made from natural fibres for milled
products**

First edition: November 2000

UGANDA NATIONAL BUREAU OF STANDARDS

Price group

Descriptors:

© 2000 Uganda National Bureau of Standards. All rights reserved

ICS 55.080

IT IS IMPORTANT THAT USERS OF UGANDA STANDARDS ASCERTAIN THAT THEY ARE IN POSSESSION OF THE LATEST AMENDMENTS OR LATEST EDITIONS

In order to keep abreast of technological development Uganda Standards are subject to periodic review.

The following table will assist the user to update the standard

AMENDMENTS

Clause	Amendment No.	Date of Issue	Text affected

In order to keep abreast of technological development Uganda Standards are subject to periodic review.

NOTE:

- 1. Compliance with this Standard does not, of itself confer immunity from legal obligations.**

A Uganda standard does not purport to include all necessary provisions of a contract.

Users are responsible for its correct application.

Uganda National Bureau of Standards

P.O. Box 6329

Tel: 256-41- 222367/9

Fax: 256-41-286123

Website: www.unbs.org

E-mail: unbs@starcom.co.ug

SPECIFICATION FOR WOVEN BAGS MADE FROM NATURAL FIBRES FOR MILLED PRODUCTS

1. SCOPE

This Uganda Standard specifies the sacking and making-up requirements for woven bags made from natural fibres for packing and storage of milled products.

2. NORMATIVE REFERENCES

- ◆ US ⁻¹: Method for determination of mass per unit length or area of woven or knitted fabrics.
- ◆ US 246, Specification for woven bags made from natural fibres for cereals and pulses.
- ◆ US -: Method for test for woven bags.
- ◆ US -: Method for determination of added oil content of sisal and/or jute yarn or fabric.

3. DEFINITIONS

For the purpose of this draft Uganda Standard, the definitions given in US 246, apply.

4. REQUIREMENTS

4.1 Sacking

4.1.1 **Construction and properties.** The sacking shall be woven from natural fibre yarns and shall comply with the requirements in Table 1.

4.1.2 Freedom from defects. The sacking when visually examined shall be free from weaving defects such as holes, tears, floats, crushed selvages, spots and stains.

Table 1: Sacking Construction and Properties

CHARACTERISING	REQUIREMENTS	TEST METHOD
Mass per unit area g/m ² minimum	650	US -
Warp (ends) per 10 cm min	34	US -
Weft (shots) per 10 cm min	56 (i.e. 28 x 2)	US -
Sacking breaking force, N min	800 1,000	US -
Added Oil Content, max	5%	Us 246
Moisture regain, max.	10%	US -

4.2 Making-Up

4.2.1 Stitching Thread

The stitching thread shall be of natural fibres including cotton or man-made fibres.

4.2.2 Stitch Density

The minimum number of stitches per 10 cm shall be 12. This shall be determined in accordance with clause 4.2.3.

4.2.3 Determination of Stitch Density

Count the number of stitches over a length of 10 cm on each side seam and bottom seam (if any) of each bag. Space the measurements so that both sides are adequately assessed. Calculate the mean reading and report the mean for each bag.

¹ US-, To be developed.

4.2.4 Hemming

Where selvages do not form the mouth hems, the raw edges of the sacking at the mouth of the bag shall first be returned over to a depth of at least 1.5 cm then to a depth of at least 1.60 cm and the three layers of the sacking thus formed shall be firmly stitched.

4.3 Seam Strength

The minimum breaking force of seam shall be 800 newtons. This shall be determined in accordance with US -

4.4 Inside Dimensions and Mass Per Bag

The minimum inside dimensions of the bag and the mass per bag shall be as specified in Table 2.

Table 2: Dimensions and Mass Per Bag

Bag Capacity. Kg	Inside Width cm	Inside Length cm	Mass per bag gm
50	50	76	580
90	68	112	1050
Test Method	US -	US -	US -

4.5 Identification of the Bag

For purposes of identification, there be a minimum of two bands of coloured threads woven into the sacking of each bag. Each band shall have a minimum of two threads. The colours used shall be clearly visible.

5 PACKING

The bags shall be packed in bales of the agreed quantity. The bales shall be wrapped or covered with suitable materials and securely bound or stitched to prevent damage/or contamination.

6 MARKING

The following information shall be clearly marked on each bale: -

- a) manufacturer's name or registered trade mark;
- b) Description of goods;
- c) Quantity of pieces;
- d) Lot number;
- e) Gross mass of the bale; and
- f) Dimensions of bag
- g) Made in Uganda (or country of origin if not made in Uganda)