

**Draft
Tanzania Standards**

Textiles – Guide for care labelling on Textile products



TANZANIA BUREAU OF STANDARD

0 Foreword

0.1 This Draft Tanzania Standard has been issued to emphasize the comprehension of care labels with regards to their symbols. It is intended to provide guidance and requirements to be complied with textile products' manufacturers and consumer to understand the process of cleaning and caring treatment of these products.

0.2 The need for this specification arises as a consequence of the development of new fibres, blends and special finishes of textile products. Care labels symbols are more efficient and there is lower additional cost compared with using written instructions.

0.3 In the preparation of this Draft Tanzania Standard, assistance was derived from:

ISO 3758:2012: Textiles- Care labelling code using symbols.

D5489-01a: Standard Guide for Care Symbols for Care Instructions on Textile products

1. SCOPE

1.1 This Draft Tanzania Standard describe the system of graphic symbols, intended for use in the permanent marking of textile articles, providing information essential for their care.

1.2 This guide provides a comprehensive system of symbols to represent care instructions in order to reduce language dependent care instruction.

1.3 This Draft Tanzania Standard covers the following treatments: washing, bleaching, ironing, dry cleaning, and drying (after washing). This Draft Tanzania Standard is applicable to all textiles products including accessories and trims in the form in which they are supplied to the consumer.

2. DEFINITIONS

For the purpose of this Draft Tanzania Standard, the following terms and definitions shall apply:

2.1 Textile articles: yarns, piece goods and made-up articles consisting mainly of textile materials

2.2 Washing: process designed to clean textile articles in an aqueous bath
Washing includes all or some of the following operations in relevant combinations:

- Soaking, pre-washing and proper washing – carried out usually by heating, mechanical action and in the presence of detergents or other products.
- Water extraction, i.e. spinning or wringing performed during and/or at the end of the operations mentioned above.

These operations may be carried out by machine or by hand.

2.3 Bleaching: process carried out in an aqueous medium before, during or after washing processes for the purpose of removing stains and/or improving whiteness

- Chlorine bleach: agent that releases hypochlorite ions in solution, e.g. Sodium hypochlorite
- Oxygen bleach: agent that release a peroxygen species in solution

2.4 Ironing and pressing: process carried out on a textile article to restore its shape and appearance, by means of an appropriate appliance using heat and pressure

2.5 Dry cleaning: process for cleaning textile articles by means of organic solvents. This process consists of cleaning, rinsing, spinning and drying

2.6 Drying (after washing): process carried out on a textile article after washing with the intention of removing residue water by treatment with hot air (tumble drying) or drying in the sun

2.7 Tumble drying: process carried out on textile articles after washing and hydro-extracting, with the intention of removing residual water by treatment with hot air in a rotating drum

3. GENERAL PRINCIPLES

3.1 For ready-made garments and other textile products, the care label shall be durable enough to withstand normal laundering and a position of attachment shall be clearly visible and accessible.

3.2 For finished textile fabrics in rolls or folds, the care label shall be woven into the selvedge not more than two metres apart, regardless of the width of the fabric.

4. Description and definition of symbols

4.1 Symbols

4.1.1 General

4.1.1.1 Care symbols are important means of identifying the appropriate care procedure for home laundering, commercial laundering, professional textile care and coin-operated dry cleaning of textile products.

4.1.1.2 The symbols shall be provided to indicate the five treatments that is washing, bleaching, ironing, dry – cleaning and drying after washing method (tumble dried-cold/warm/hot, drip dry, dry flat and line dry).

4.1.2 Main symbols

4.1.2.1 Washing process

For the washing process, a washtub is shown as in Figure 1. The washtub represents home – type or commercial washing. It shall give an indication of the maximum recommended washing temperature and instructions.



Fig.1 - A symbol for washing process

4.1.2.2 Bleaching process

For the chlorine based bleaching process, a triangle is shown as in Figure 2. The triangle shall indicate bleaching with care in chlorine-type bleach.

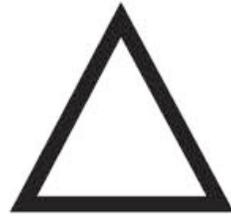


Fig.2 - A symbol for bleaching process.

4.1.2.3 Dry – cleaning process

For the dry – cleaning process, a circle is shown on the article as in Figure 3.



Fig.3 - A symbol for dry – cleaning process

4.1.2.4 Drying

For the drying process, a square as shown in Figure 4.



Fig.4 - A symbol for the drying process

4.1.2.5 Ironing and pressing

For the ironing process, a hand iron is shown on the textile article as shown in Figure 5. It shall indicate the recommended ironing and pressing temperatures.

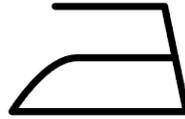


Fig.5 - A symbol for the ironing and pressing.

4.1.2.6 Mild treatment

A bar under the symbol means that the treatment should be milder than indicated by the same symbol without a bar, e.g. reduced agitation



Fig.6 - A symbol for mild treatment process

4.1.2.7 Very mild treatment

A double bar under the symbol describes a very mild process, e.g. much reduced agitation.



Fig.7 - A symbol for very mild treatment

4.1.2.8 Temperature of treatment

The temperature in connection with the symbol in 4.2.1 is given as a figure representing degrees Celsius (30,... or 95) without the designation "°C".

Dots are used to define the temperature of the treatment with the symbols for drying and ironing and pressing. The definitions of the number of dots in each case are given in Tables 3 and 4 for symbols.

In addition, dots may be used with the washing symbol together with the washing temperatures, in degrees Celsius (°C).

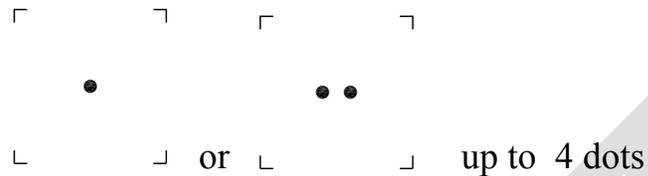


Fig.8 - Dots symbol for temperature treatment

4.1.2.9 Treatment not permitted

The cross superimposed over the symbol indicating that this particular treatment shall not be carried out.

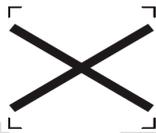


Fig.9 - A symbol for cross superimposed over the symbol

4.2 Washing

The washtub symbolise the domestic washing treatment (by hand or machine). It is used to convey information regarding the maximum washing temperature and maximum washing (cold, warm, hot, very hot and boil) – process severity as shown in Table 1.

Table 1 - Washing symbols

Symbol	Washing process
	No special precaution need to be taken in washing
	Maximum washing temperature 95°C
	Maximum washing temperature 30°C
	Maximum washing temperature 40°C Mild process.
	Maximum washing temperature 40°C Very mild process
	The article should only be washed by hand and the washing water should not be more than lukewarm (40°C, max)
	The article shall not be washed.

4.3 Bleaching

The triangle symbolises the bleaching process (chlorine process) as in Table 2 below

Table 2 - Symbols for bleaching

Symbol	Bleaching Process
	Bleaching permeated according to bleach manufacturer's instructions (bleaching with hypochlorite may be indicated by letters CL within the triangle)
	The article shall not be bleached.
	Bleaching with hydrochlorite is not permitted

4.4 Drying

4.4.1 Tumble drying

The circle in a square symbolizes tumble drying after a washing process, with the maximum temperature setting being indicated by the use of one or two dots placed within the symbol, as shown in Table 3.

Table 3 - Symbol for tumble drying

Symbol	Tumble drying Process
	Tumble drying possible Normal temperature; exhaust temperature max. 80°C
	Tumble drying possible Low temperature; exhaust temperature max. 60°C
	do not tumble dry

4.5 Ironing and pressing

The iron symbolises the domestic ironing process, maximum temperature levels being indicated by one, two or three dots placed within the symbol, as shown in Table 4.

Table 4 - Symbol for Ironing

Symbol	Process
	Iron at a maximum sole – plate temperature of 200°C
	Iron at a maximum sole – plate temperature of 150°C
	Iron at a maximum sole plate temperature of 110°C. Steam iron may be risky
	Do not iron Steaming and steam treatments are not allowed.

4.6 Dry – Cleaning

The circle symbolises the dry – cleaning process for textile articles (excluding genuine leather and furs). It provides information to different cleaning processes as in Table 5.

Table 5 - Symbols for dry cleaning process

Symbol	Process
	Dry cleaning in all solvents normally used for dry cleaning
	Dry cleaning in all solvents listed for symbol F normally used in tetrachloroethene Normal process
	Dry cleaning in all solvents listed for symbol F normally used in tetrachloroethene Mild process
	Dry cleaning in hydrocarbon(distillation temperature between 150°C and 21°C, flash point between 38°C and 70°C)
	Dry cleaning in hydrocarbon(distillation temperature between 150°C and 21°C, flash point between 38°C and 70°C)
	The article shall not be dry – cleaned.

4.7 Wet – Cleaning

The circle symbolises the wet – cleaning process for textile articles (excluding genuine leather and furs). It provides information to different cleaning processes as in Table 6.

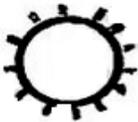
Table 6 - Symbol for wet cleaning process

Symbol	Process
	Wet cleaning Normal process
	Wet cleaning Mild process
	Wet cleaning Very mild process
	The article shall not be wet – cleaned.

4.8 Drying in the sun

The symbol of the shining sun symbolises the drying after a washing process as shown in Table 7.

Table 7 - Symbols for drying in the sun

Symbol	Process
	Drying in the sun is permitted
	Drying in the sun is not permitted

5. APPLICATION AND USE OF SYMBOLS

5.1 Application of symbols

The symbols defined in clause 4 shall be placed either directly on the article or on a label which shall be affixed in a permanent manner. The symbols may be produced by weaving, printing or other processes, and shall bear and retain in a readily legible manner the stipulated care information throughout the useful life of the article.

Label and symbols shall be made of suitable material with resistance to the care treatment indicated on the label. Care symbols may also be placed for example on a label attached in a non permanent manner to the article or its wrapping, provided that identical symbols are also permanently affixed to the article.

5.2 Use of symbols

For any given article, care information expressed by symbols shall refer to all treatments in the order washing, bleaching, ironing, drycleaning and drying. A series of typical standard labels giving typical combination of symbols and their associated meanings is given in Annex A.

Note:-The symbols used in this standard are the subject of International trademarks. Information on the right to use the trademarks is given in informative annex B.