
INTERNATIONAL STANDARD



3018

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Rectangular textile floor coverings — Determination of dimensions

Revêtements de sol textiles rectangulaires — Détermination des dimensions

First edition — 1974-03-01

STANDARDSISO.COM : Click to view the full PDF of ISO 3018:1974

UDC 645.12 : 620.1

Ref. No. ISO 3018-1974 (E)

Descriptors : textiles, floor coverings, dimensional measurement.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 3018 was drawn up by Technical Committee ISO/TC 38, *Textiles*, and circulated to the Member Bodies in December 1972.

It has been approved by the Member Bodies of the following countries :

Australia	Iran	South Africa, Rep. of
Belgium	Ireland	Spain
Bulgaria	Israel	Sweden
Czechoslovakia	Japan	Switzerland
Egypt, Arab Rep. of	Netherlands	Thailand
Finland	New Zealand	Turkey
France	Norway	United Kingdom
Germany	Poland	U.S.A.
Hungary	Portugal	U.S.S.R.
India	Romania	

The Member Body of the following country expressed disapproval of the document on technical grounds :

Canada

Rectangular textile floor coverings – Determination of dimensions

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies a method for determining the dimensions of rectangular textile floor coverings, both hand-made and machine-made, having a length to width ratio of less than 5. The method is not applicable to materials to be laid edge to edge as tiles.

2 PRINCIPLE

The total dimensions in the warp direction (or direction of manufacture) and in the weft direction (or direction at right angles to the direction of manufacture), excluding fringes, of the relaxed textile floor covering are measured in at least three places and the average dimensions for each direction calculated. In addition, for pile carpets, the distance between the outer edge of the base of the pile and the nearest outermost edge of the carpet is determined, and the length of fringe, if present, is determined.

3 DEFINITIONS

For the purposes of this International Standard the following definitions apply.

3.1 total length of textile floor covering : Dimension in the warp direction (or direction of manufacture) between the outermost edges of the textile floor covering including any backing or binding that may be present, but excluding fringes.

3.2 total width of textile floor covering : Dimension in the weft direction (or direction at right angles to the direction of manufacture) between the outermost edges of the textile floor covering including any backing or binding that may be present, but excluding fringes.

3.3 length of pile section : The distance between the exterior edges of the pile, measured at the base, taken in the warp direction (or direction of manufacture) of pile carpets.

3.4 width of pile section : The distance between the exterior edges of the pile, measured at the base, taken in the weft direction (or direction at right angles to the direction of manufacture) of pile carpets.

4 APPARATUS

Rule or instrument capable of measuring over the length of the textile floor covering accurately to the nearest 0,5 cm.

5 PROCEDURE

5.1 Pre-treatment

Spread the textile floor covering on a smooth, flat horizontal surface so that no crinkles are present and allow it to relax for not less than 48 h.

5.2 Measurements

5.2.1 Make each measurement of length and width (A_L and A_W) between the outermost edges of the textile floor covering including any backing or binding that may be present, but excluding fringes (see the figure). This is the "total length" and "total width".

5.2.2 For pile carpets also measure in the length and width directions the distance B_L and B_W between the outer edge of the base of the pile and the nearest outermost edge of the carpet, excluding fringes (see figure). The "length of pile section" and "width of pile section" can then be calculated.

5.2.3 If fringes are present measure these in the length and width directions (C_L and C_W) from the outermost edge of the textile floor covering to the nearest edge of the extended fringe (see figure).

5.2.4 Make all measurements to the nearest 0,5 cm. If measurement B is less than 0,5 cm record the result as zero.

5.3 Number of measurements

Make at least three measurements of A , B and C where appropriate at each side of the textile floor covering and in each of the length and width directions, in such a way that two measurements are made at approximately 10 cm within each edge of the textile floor covering and one made approximately in the middle.