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**SANS 81:2004**

Edition 3

# **SOUTH AFRICAN NATIONAL STANDARD**

## **Width of a textile fabric sample**

**SANS 81:2004**  
Edition 3

**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>

**Foreword**

This South African standard was approved by National Committee SABS/TC 38/SC 01, Textiles – *Test methods for textiles*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This edition cancels and replaces the first revision (SABS SM 81:1972).

**Reaffirmed and reprinted in November 2015.  
This document will be reviewed every five years  
and be reaffirmed, amended, revised or withdrawn.**

## **Width of a textile fabric sample**

### **1 Scope**

This standard specifies a method for the determination of the width of a textile fabric sample.

### **2 Normative references**

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. All standards are subject to revision and, since any reference to a standard is deemed to be a reference to the latest edition of that standard, parties to agreements based on this standard are encouraged to take steps to ensure the use of the most recent edition of the standards indicated below. Information on currently valid national and international standards can be obtained from the SABS Standards Division.

*SANS 70, Conditioning of textiles and standard temperate atmosphere for determining their physical and mechanical properties.*

### **3 Principle**

The width of a textile fabric sample laid on a flat surface is measured with a steel scale.

### **4 Apparatus**

**Steel scale** that is of a length exceeding the width of the fabric to be measured, and is graduated in centimetres and millimetres.

### **5 Procedure**

**5.1** Lay the test sample flat and full width (without subjecting it to tension) on a plane surface and condition it in that state for at least 24 h in accordance with SANS 70.

**5.2** Take, to the nearest 1 mm, five measurements across the overall width or between the innermost selvedge threads (as relevant) of the conditioned test sample at approximately equal intervals throughout its length.

### **6 Calculation**

Calculate the arithmetic mean of the five measurements and record it as the width of the sample.

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