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Any reference to SABS SM 79 is deemed
to be a reference to this standard
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SOUTH AFRICAN NATIONAL STANDARD

Textiles — Mass per unit area of conditioned fabrics

SANS 79:2004
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Table of changes

Change No.	Date	Scope
Amdt 1	2004	Amended to change the designation of SABS standards to SANS standards with no technical changes.

Foreword

This South African standard was approved by National Committee SABS/TC 038/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 is technically identical to the third revision (SABS SM 79:1993).

Annex A is for information only.

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and be reaffirmed, amended, revised or withdrawn.**

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Textiles — Mass per unit area of conditioned fabrics

1 Scope

1.1 This standard specifies three alternative procedures for determining the mass per unit area of woven fabrics (including those of the stretch type), knitted fabrics, non-woven fabrics, composite fabrics and narrow fabrics, that have been conditioned in the standard atmosphere for testing.

1.2 The three procedures apply to:

- a) full-width fabrics that are of such a length that they can be conditioned and measured satisfactorily;
- b) representative large cuttings that can be measured satisfactorily; or
- c) a number of representative specimens cut to a constant area of 0,01 m².

Smaller areas are not considered suitable for testing.

1.3 Procedure 3 is not applicable to knitted fabrics and woven stretch-type fabrics.

1.4 If so specified in the relevant product specification, or if so agreed upon between the parties concerned, a correction for the non-fibrous material content of the fabric may be made.

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 editions 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.*

SANS 81, *Width of a textile fabric sample.*

SANS 83, *Length of a textile fabric sample.*

SANS 5113, *Non-fibrous material content of wool.*

SANS 5114, *Non-fibrous material content of textiles (method using starch-digesting enzymes).*