

SRI LANKA STANDARD SLS 89 : 2006
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**METHOD FOR
DETERMINATION OF BOW, SKEW AND
LENGTHWAY DISTORTION IN WOVEN AND
KNITTED FABRICS
(FIRST REVISION)**

SRI LANKA STANDARDS INSTITUTION

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DISTORTION IN WOVEN AND KNITTED FABRICS
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Gr. 5

**SRI LANKA STANDARDS INSTITUTION
17, Victoria Place,
Elvitigala Mawatha
Colombo 8
SRI LANK**

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FOREWORD

This Standard was approved by the Sectoral Committee on Textiles, Clothing and Leather and was authorized for adoption and publication as a Sri Lanka Standard by the Council of Sri Lanka Standards Institution on 2006-07-26.

CS 89 was first published in 1970 as method for the determination of bow and skewness in woven fabrics. In this revision the title of the standard is altered to introduce lengthway distortion and is applicable to both woven and knitted fabrics.

Bow & skew can be present in fabrics as defects. These are however idealized defects and the combination of both weft or width way bow and skew results in the total lengthway distortion which is the property of interest particularly to the garment maker. Width way bow and skew are likely to occur sporadically in certain pieces of fabrics and the normal provision for random sampling may not be appropriate. Lengthway distortion is generally best ascertained on the fabric roll at the time of inspection and the worst areas can be most readily observed at this time. Therefore, tests are not always carried out in the standard atmosphere for testing textile and such tests are quite acceptable in many instances. However in cases of dispute and when results of high accuracy are required, test shall be made in the standard atmosphere for testing textile on samples removed from the bulk.

In reporting results of a test or an analysis made in accordance with this standard, if the final value obtained or calculated is to be rounded off, it shall be done in accordance with **CS 102**.

In this revision the assistance derived from the following publications is gratefully acknowledged.

BS 2819 : 1990 British standard methods for determination of bow, skew and lengthway distortion in woven and knitted fabrics.

BSEN 1773 : 1997 Textile fabrics – Determination of width and length.

ASTM D 3882 : Standard test method for bow and skew in woven and knitted fabrics