

SRI LANKA STANDARD 1242 : PART 3 : 2002
ISO 12947-3 : 1998

**METHOD FOR DETERMINATION OF
THE ABRASION RESISTANCE OF FABRICS
BY THE MARTINDALE APPARATUS
PART 3 - DETERMINATION OF MASS LOSS**

SRI LANKA STANDARDS INSTITUTION

**METHOD FOR DETERMINATION OF
THE ABRASION RESISTANCE OF FABRICS BY
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**SLS 1242 - Part 3 : 2002
ISO 12947 – 3 : 1998**

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METHOD FOR DETERMINATION OF THE ABRASION
RESISTANCE OF FABRICS BY MARTINDALE APPARATUS
PART 3 - DETERMINATION OF MASS LOSS

NATIONAL FOREWORD

This Sri Lanka 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 the Sri Lanka Standards Institution on 2002-12-16.

This Sri Lanka Standard is identical with ISO 12947 – 3 : 1998, Textiles – Determination of the abrasion resistance of fabrics by the Martindale Method – Part 3 : Determination of mass loss, published by the International Organization for Standardization.

This is a part in a series of Sri Lanka Standards on the determination of the abrasion resistance of fabrics by Martindale apparatus. The other parts in the series being;

- a) Determination of the abrasion resistance of fabrics by Martindale apparatus
Part 1 : Martindale Abrasion Testing Apparatus
- b) Determination of the abrasion resistance of fabrics by Martindale apparatus
Part 2 : Determination of Specimen breakdown
- c) Determination of the abrasion resistance of fabrics by Martindale apparatus
Part 4 : Assessment of appearance change

Terminology and Convention

The text of the International Standard has been accepted as suitable for publication, without deviation, as a Sri Lanka Standard. However certain terminology and conventions are not identical with those used in Sri Lanka Standards; attention is therefore drawn to the following;

- a) Whenever the words “International Standard/Publication” appear referring to this Standard they should be interpreted as “Sri Lanka Standard”.
- b) The comma has been used throughout as a decimal marker. In Sri Lanka Standards it is the current practise to use a full point on the baseline as the decimal marker.

Wherever page numbers are quoted, they are ISO page numbers.

Cross References

For the following international Standards referred to in the text, there are corresponding Sri Lanka Standards; and they are listed below.

International Standards

Corresponding Sri Lanka Standards

ISO 139 : 1973, Textiles – Standard atmospheres for conditioning and testing

SLS 16 : 1998 – Standard atmospheres for conditioning and testing of textiles

ISO 12947-1 : 1998 – Textiles – Determination of the abrasion resistance of fabrics by the Martindale method - Part 1 : Martindale Abrasion Testing Apparatus

SLS * : 2002 - Method for determination of the abrasion resistance of fabrics by Martindale apparatus Part 1 : Martindale Testing Apparatus

ISO 12947-2 : 1998, Textiles – Determination of the abrasion resistance of fabrics by the Martindale method - Part 2 : Determination of Specimen Breakdown

SLS * : 2002 - Method for determination of the abrasion resistance of fabrics by Martindale apparatus Part 2 : Determination of Specimen Breakdown

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**Textiles — Determination of the abrasion
resistance of fabrics by the Martindale
method —**

Part 3:
Determination of mass loss

*Textiles — Détermination de la résistance à l'abrasion des étoffes par la
méthode Martindale —*

Partie 3: Détermination de la perte de masse



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