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Sri Lanka Standard
METHOD FOR THE DETERMINATION OF COLOUR FASTNESS
OF TEXTILE MATERIALS TO ORGANIC SOLVENTS
(First Revision)

Gr. A

SRI LANKA STANDARDS INSTITUTION

~~Draft~~ Sri Lanka Standard
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NATIONAL 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 the Sri Lanka Standards Institution on 1997-10-09.

This standard is identical with ISO 105 : Part X05 : 1994 Textiles - Tests for colour fastness - Part X05 : Colour fastness to organic solvents published by the International Organization for Standardization (ISO). This standard was first issued in 1973, as method for the determination of colour fastness of textile materials to organic solvents.

In this revision 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) Wherever 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 decimal marker. In Sri Lanka Standards it is the current practice to use a full point on the base line as the decimal marker.

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

Textiles — Tests for colour fastness —

Part X05:

Colour fastness to organic solvents

1 Scope

This part of ISO 105 specifies a method for determining the resistance of the colour of textiles of all kinds and in all forms to organic solvents. If dry cleaning is involved, use the method specified in ISO 105-D01:1993, *Textiles — Tests for colour fastness — Part D01: Colour fastness to dry cleaning*.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 105. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 105 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 105-A01:1994, *Textiles — Tests for colour fastness — Part A01: General principles of testing*.

ISO 105-A02:1993, *Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour*.

ISO 105-A03:1993, *Textiles — Tests for colour fastness — Part A03: Grey scale for assessing staining*.

ISO 105-F:1985, *Textiles — Tests for colour fastness — Part F: Standard adjacent fabrics*.

ISO 105-F10:1989, *Textiles — Tests for colour fastness — Part F10: Specification for adjacent fabric: Multifibre*.

3 Principle

A specimen of the textile in contact with adjacent fabrics is agitated in the solvent and dried. The change in colour of the specimen and the staining of the adjacent fabrics are assessed with the grey scales.

4 Apparatus and reagents

4.1 Suitable container, with means of agitation.

A 500 ml beaker or other suitable open container may be used for the test, agitation being by hand with a glass rod flattened at one end. A closed vessel agitated by shaking or tumbling on a hand- or motor-driven machine may also be used.

4.2 Specified solvent(s)

The test should be carried out with the solvent or solvents commonly employed in the country concerned.

4.3 Adjacent fabrics (see ISO 105-A01:1994, subclause 8.2).

Either:

4.3.1 A multifibre adjacent fabric complying with ISO 105-F10.

or:

4.3.2 Two single-fibre adjacent fabrics, complying with the relevant sections of F01 to F08 of ISO 105-F:1985.