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METHODS OF TEST FOR ELASTIC FABRICS

SRI LANKA STANDARDS INSTITUTION

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SLS 999 : 1993

Gr. 10

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METHODS OF TEST FOR ELASTIC FABRICS

FOREWORD

This standard was approved by the Sectoral Committee on Textiles and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 1993-06-17.

In this standard, methods of test for elastic fabrics for the following parameters are given :

- i) Extension at a specified force;
- ii) Modulus;
- iii) Tension decay;
- iv) Residual extension;
- v) Fatigue set;
- vi) Elastomeric thread breaks; and
- vii) Runback.

In addition, methods for fatiguing and ageing of specimens are given.

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

In the preparation of this standard, the valuable assistance derived from the following publication is gratefully acknowledged:

BS 4952 : 1992 Methods of test for elastic fabrics.

1 SCOPE

This standard prescribes methods of test specific to both narrow and wide elastic fabrics. The test methods are applicable to woven and to warp knitted and weft knitted fabrics but certain tests are also applicable to stretch fabrics which are obtained by the use of elastomeric bulked yarns or by a process such as slack mercerization.

2 REFERENCES

- SLS 16 Standard atmosphere for conditioning and testing textiles.
SLS 102 Presentation of numerical values.