

SRI LANKA STANDARD 765 : 1986

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**METHODS OF TEST FOR
THE STRETCH AND RECOVERY PROPERTIES
OF FABRICS**

SRI LANKA STANDARDS INSTITUTION

METHODS OF TEST FOR THE STRETCH AND RECOVERY
PROPERTIES OF FABRICS

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FOREWORD

This Sri Lanka Standard was authorized for adoption and publication by the Council of the Sri Lanka Standards Institution on 1986-12-17, after the draft, finalized by the Drafting Committee on Test Methods for Textiles, had been approved by the Textiles Divisional Committee.

Many parameters have been used to characterize the stretch and recovery properties of fabrics; two of the more important of these are the extension under a moderate load, and the recovery from that extension, which can be conveniently measured by the methods of test in this standard.

All values given in this standard are in SI units.

In the preparation of this standard, assistance derived from the publications of the British Standards Institution is gratefully acknowledged.

1 SCOPE

This standard prescribes methods of test for the stretch and recovery properties of woven, warp-knitted and weft-knitted fabrics; they are particularly applicable to *stretch fabrics* such as are obtained by the use of elastometric fibres or bulked yarns, or by a process such as slack mercerization.

2 REFERENCES

CS 16 Standard atmosphere for conditioning and testing.

3 PRINCIPLE

A specimen of standard dimensions is stretched by applying a specified load. The extension is observed and the tension removed. The length of the unstressed specimen is observed after recovery.