

SRI LANKA STANDARD 272 : PART 2 : 1995

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**SPECIFICATION FOR
ELASTIC NARROW FABRICS**

**PART 2 : WEBBINGS AND CROCHET FABRICS FOR WAIST BANDS
OF GENTS' SPORTSWEAR AND UNDERWEAR
(FIRST REVISION)**

SRI LANKA STANDARDS INSTITUTION

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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 the Sri Lanka Standards Institution on 1995-04-27.

This is the first revision of SLS 272:1974 Elastic Braids and Webbing. In this revision, the standard has been split into parts under the common title of "Elastic Narrow Fabrics". Part 1 of the standard covers elastic flat braids. Due to the variety of applications of narrow fabrics, it is not practicable to cover them in general. Consequently, this part covers elastic webbings and crochet fabrics for use as waist bands in gents' sportswear and underwear. In addition to the properties specified in this standard, breaking strength, tension decay, runback and elastic thread durability are properties of elastic webbings and crochet fabrics which are important for adequate performance of it. However, due to lack of information, these have not been specified in this standard.

Clause 4.9 of this specification calls for agreement between the purchaser and the supplier.

Guidelines for the determination of compliance of a lot with the requirements of this standard based on statistical sampling and inspection are given in Appendix A.

For the purpose of deciding whether a particular requirement of this specification is complied with, the final value, observed or calculated, expressing the result of a test or an analysis shall be rounded off in accordance with CS 102. The number of significant places retained in the rounded off value shall be the same as that of the specified value in this specification.

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

BS 7141 Part 4:1990 - British Standard Narrow fabrics, Woven elastic webbings containing natural rubber.

1 SCOPE

1.1 This specification prescribes the requirements and methods of test for elastic webbings and crochet fabrics containing natural rubber as the elastomer, for use as waist bands in gents' sportswear and underwear.

1.2 It covers only the waist bands which are not covered by the fabrics of the garment or by any other fabric.

2 REFERENCES

- CS 16 Standard atmosphere for conditioning and testing textiles.
- SLS 42 Determination of mass of unit length and per unit area of woven or knitted fabrics.
- CS 52 Determination of colour fastness of textile materials to washing at 40°C.
- CS 62 Determination of colour fastness of textile materials to daylight.
- CS 67 Determination of colour fastness of textile materials to perspiration.
- CS 102 Presentation of numerical values.
- SLS 272 Elastic narrow fabrics
Part 1 : Elastic flat braids (First revision)
- SLS 428 Random sampling methods.
- SLS 976 Methods of tests for rubber threads.

3 DEFINITIONS

For the purpose of this specification, the following definitions shall apply :

3.1 **elastic webbing** : A webbing containing natural rubber threads in warp-way with the objective of permitting stretch in that direction with virtually complete recovery on removal of the stretching force.

3.2 **webbing** : A woven narrow fabric, the prime function of which is load bearing.

NOTE

Webbing is generally of a coarse weave and often has multiple plies.

3.3 **crochet fabric** : A fabric made by a warp-knitting machine which uses latch or carbine needles mounted horizontally, generally on a needle bed.