

STN	Textílie. Ťahové vlastnosti plošných textílií. Časť 2: Zisťovanie maximálnej sily metódou Grab (ISO 13934-2: 2014).	STN EN ISO 13934-2 80 0812
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Textiles - Tensile properties of fabrics - Part 2: Determination of maximum force using the grab method (ISO 13934-2:2014)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Obsahuje: EN ISO 13934-2:2014, ISO 13934-2:2014

Oznámením tejto normy sa ruší
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English Version

Textiles - Tensile properties of fabrics - Part 2: Determination of maximum force using the grab method (ISO 13934-2:2014)

Textiles - Propriétés des étoffes en traction - Partie 2:
Détermination de la force maximale par la méthode
d'arrachement (Grab test) (ISO 13934-2:2014)

Textilien - Zugeigenschaften von textilen Flächengebilden -
Teil 2: Bestimmung der Höchstzugkraft mit dem Grab-
Zugversuch (ISO 13934-2:2014)

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Foreword

This document (EN ISO 13934-2:2014) has been prepared by Technical Committee ISO/TC 38 "Textiles" in collaboration with Technical Committee CEN/TC 248 "Textiles and textile products" the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2014, and conflicting national standards shall be withdrawn at the latest by August 2014.

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Endorsement notice

The text of ISO 13934-2:2014 has been approved by CEN as EN ISO 13934-2:2014 without any modification.

Textiles — Tensile properties of fabrics —

Part 2: Determination of maximum force using the grab method

Textiles — Propriétés des étoffes en traction —

*Partie 2: Détermination de la force maximale par la méthode
d'arrachement (Grab test)*





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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 38, *Textiles*, Subcommittee SC 24, *Conditioning atmospheres and physical tests for textile fabrics*.

This second edition cancels and replaces the first edition (ISO 13934-2: 1999), of which it constitutes a minor revision.

ISO 13934 consists of the following parts, under the general title *Textiles — Tensile properties of fabrics*:

- *Part 1: Determination of maximum force and elongation at maximum force using the strip method*
- *Part 2: Determination of maximum force using the grab method*

Introduction

This part of ISO 13934 has been prepared in the context of several test methods for determination of certain mechanical properties of textiles using mainly tensile testing machines, e.g. tensile properties, seam tensile properties, tear properties, and seam slippage. The procedure for these standards agrees where appropriate. The results obtained by one of the methods should not be compared with those obtained by the other methods.

Textiles — Tensile properties of fabrics —

Part 2:

Determination of maximum force using the grab method

1 Scope

This part of ISO 13934 specifies a procedure for the determination of the maximum force of textile fabrics known as the grab test.

NOTE ISO 13934-1 describes the method known as the strip test.

The method is mainly applicable to woven textile fabrics including fabrics which exhibit stretch characteristics imparted by the presence of an elastomeric fibre and mechanical or chemical treatment. It can be applicable to fabrics produced by other techniques. It is not normally applicable to geotextiles, nonwovens, coated fabrics, textile-glass woven fabrics, and fabrics made from carbon fibres or polyolefin tape yarns.

The method specifies the determination of the maximum force of test specimens in equilibrium with the standard atmosphere for testing and of test specimens in the wet state.

The method is restricted to the use of constant-rate-of-extension (CRE) testing machines.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 139, *Textiles — Standard atmospheres for conditioning and testing*

ISO 3696, *Water for analytical laboratory use — Specification and test methods*

ISO 7500-1, *Metallic materials — Verification of static uniaxial testing machines — Part 1: Tension/compression testing machines — Verification and calibration of the force-measuring system*

ISO 10012-1, *Quality assurance requirements for measuring equipment — Part 1: Metrological confirmation system for measuring equipment*

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