



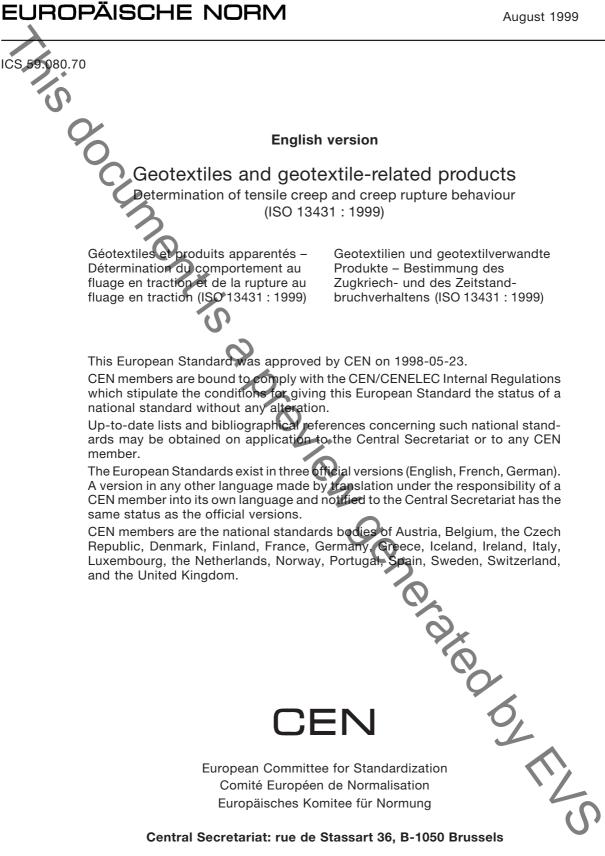
EESTI STANDARDI EESSÕNA NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 13431.2000 sisaldab Euroopa standardi EN ISO 13431:1999 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 13431:2000 consists of the English text of the European standard EN ISO 13431:1999.
Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.
Käsitlusala: This standard describes the method for determining the tensile creep rupture behaviour of geotextiles and geotextile- related products in an unconfined situation. Application of this standard is limited to those products and applications where the risk of collapse of a structure due to premature failure or to strain/time variation of the reinforcement under constant load is of essential importance.	Scope: This standard describes the method for determining the tensile creep rupture behaviour of geotextiles and geotextile- related products in an unconfined situation. Application of this standard is limited to those products and applications where the risk of collapse of a structure due to premature failure or to strain/time variation of the reinforcement under constant load is of essential importance.
I <b>CS</b> 59.080	

Võtmesõnad: creep rupture tests, creep strength, determination, geotextiles, tension extiles, tens tests, tests

## EN ISO 13431

August 1999



Central Secretariat: rue de Stassart 36, B-1050 Brussels

EUROPEAN STANDARD

NORME EUROPÉENNE

#### Foreword

International Standard

ISO 13431: 1999 Geotextiles and geotextile-related products - Determination of tensile creep and creep rupture behaviour,

which was prepared by ISO/TC 38 'Textiles' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 189 'Geotextiles and geotextile-related products', the Secretariat of which is held by IBN, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by February 2000 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

# Endorsement notice

terrison. Bennis a Dravian Ganaration of the Article A The text of the International Standard ISO 13431 : 1999 was approved by CEN as a European Standard without any modification.

#### 1 Scope

This Standard specifies a method for determining the tensile creep and creep rupture behaviour of geotextiles and geotextile-related products in an unconfined situation.

Application of this standard is limited to those products and applications where the risk of collapse of a structure due to premature failure or to strain/time variation of the reinforcement under constant load is of essential importance.

As the test is carried out over a long period of time and the procedure is complex, it is therefore recommended that the test is not considered to be a routine quality control test. The results of the test may not be representative of the performance of the products when subject to soil pressures.

### 2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate points in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies.

EN 963 Geotextiles and geotextile-related products - Sampling and preparation of test specimens.

EN ISO 10319 Geotextiles - Wide-width tensile test (ISO 10319:1993)

ISO 554 Standard atmospheres for conditioning and/or testing - Specifications.

#### 3 Definitions

For the purposes of this standard the following definitions apply:

3.1 tensile strength: Maximum load per unit width in kilonewtons per metre, developed in a specific material subjected to an external tensile load, when measured in accordance with EN ISO 10319.