

## **Geotekstiil ja samalaadsed tooted. Pindtiheduse määramine**

Geotextiles and geotextile-related products - Determination of mass per unit area

## EESTI STANDARDI EESSÕNA

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Võtmesõnad: eripindala, geotekstiil, katsed, määramine, tekstiil,

Inglisekeelsed võtmesõnad: determination, geotextiles, specific area, tests, textiles,

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EUROPEAN STANDARD

EN 965

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 59.080.70

Descriptors: Textiles, geotextiles, tests, determination, specific area

English version

## Geotextiles and geotextile-related products - Determination of mass per unit area

Géotextiles et produits apparentés  
Détermination de la masse surfacique

Geotextilien und geotextilverwandte Produkte  
Bestimmung des Flächenbezogenen Masse

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## **Foreword**

This European Standard has been prepared by the Technical Committee CEN/TC 189 "Geotextiles and geotextile-related products" of which the Secretariat is held by IBN.

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of an identical text or by endorsement, at the latest by September 1995, and conflicting national standards shall be withdrawn at the latest by September 1995.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

## **1 Scope**

**1.1** This European Standard specifies a method for the determination of mass per unit area of geotextiles and geotextile-related products for identification purposes and for use in technical data sheets.

**1.2** The method is applicable to all geotextiles and geotextile-related products.

## **2 Normative references**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places 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.

ISO 554:1976                      Standard atmospheres for conditioning and/or testing -  
Specifications.

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

## **3 Principle**

The mass per unit area is calculated by weighing small square or circular specimens of known dimensions cut from positions distributed over the full width and length of the sample.

## **4 Procedure**

### **4.1 Specimens**

Cut the specimens in such a way that their average is representative for the material to be tested. Cut and measure the specimens to an accuracy of 0,5%. The size shall be 100 cm<sup>2</sup>, unless the structure of the geotextile or the geotextile-related product is such that a 100 cm<sup>2</sup> specimen is not representative in which case a larger specimen size shall be used.

Cut not less than ten specimens in accordance with EN 963.

Condition the specimens in accordance with ISO 554 for a period of 24 h unless it can be shown that the results are not affected by omitting this procedure.