

Reinforcement - Specifications for woven fabrics - Part 3: Specific requirements

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13417-3:2002 sisaldab Euroopa standardi EN 13417-3:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 19.04.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13417-3:2002 consists of the English text of the European standard EN 13417-3:2001.</p> <p>This document is endorsed on 19.04.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This part 3 of ENxxxx a specification for woven fabrics made from continuous filament reinforcement yarns, tows and rovings, which may be used as the basis for specifications. the specification defines those parameters which shall be specified plus other parameters which may be specified if required for a particular application or processing method.</p>	<p>Scope: This part 3 of ENxxxx a specification for woven fabrics made from continuous filament reinforcement yarns, tows and rovings, which may be used as the basis for specifications. the specification defines those parameters which shall be specified plus other parameters which may be specified if required for a particular application or processing method.</p>
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English version

Reinforcement - Specifications for woven fabrics - Part 3: Specific requirements

Renfort - Spécification des tissus - Partie 3: Exigences
spécifiques

Verstärkung - Spezifikationen für Gewebe - Teil 3:
Besondere Anforderungen

This European Standard was approved by CEN on 16 August 2001.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

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Contents

	page
Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions.....	4
4 Specification.....	5
4.1 Obligatory specified parameters.....	5
4.2 Other obligatory information to be included in the specification.....	5
4.3 Optional specified parameters	5
4.4 List of existing products.....	6
Annex A (informative) Glass fabrics: Bi directional.....	7
Annex B (informative) Glass fabrics: Uni directional	8
Annex C (informative) Carbon fabrics.....	9
Annex D (informative) Aramid fabrics	10
Annex E (informative) Glass fabrics: ROVINGS.....	11
Bibliography	12

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 249 "Plastics", the secretariat of which 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 April 2002, and conflicting national standards shall be withdrawn at the latest by April 2002.

EN 13417 consists of the following parts, under the general titre "*Reinforcement – Specifications for woven fabrics*":

- *Part 1 : Designation*
- *Part 2 : Methods of test and general requirements*
- *Part 3 : Specific requirements*

Annexes A, B, C, D and E are informative.

This standard includes a Bibliography.

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

1 Scope

1.1 This Part 3 of EN 13417 defines a specification for woven fabrics made from continuous filament reinforcement yarns, tows and rovings, which may be used as the basis for specifications.

The specification defines those parameters which shall be specified plus other parameters which may be specified if required for a particular application or processing method.

1.2 The specification does not define absolute or nominal values for any parameter. The value of a specified parameter is to be defined by the manufacturer but this specification defines the method of test to be used to determine the value of each specified parameter and the tolerance about which the parameter shall be controlled by the manufacturer.

1.3 The parameters which shall always be defined in any woven reinforcement fabric specification are defined in 4.1. In 4.2 the manufacturer shall define other obligatory information to be included in the specification. Other parameters can be included in the specification by agreement between manufacture and customer. These parameters are defined in clause 4.3.

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 (including amendments).

EN ISO 2078, *Textile glass - Yarns – Designation.*

EN ISO 3344, *Reinforcement Products - Determination of moisture content (ISO 3344:1997).*

EN ISO 13002, *Carbon fibre – Designation system for filament yarns (ISO 13002:1998)*

ISO 472, *Plastics – Vocabulary.*

ISO 1268, *Plastics - Preparation of glass fibre reinforced, resin bonded, low-pressure laminated plates or panels for test purposes.*

ISO 1887, *Textile glass - Determination of combustible matter content.*

ISO 1888, *Textile glass - Staple fibres or filaments - Determination of average diameter.*

ISO 2113, *Reinforcement fibres - Woven fabrics - Basis for a specification.*

ISO 3374, *Reinforcement products – Mats and fabrics - Determination of mass per unit area.*

ISO 4602, *Reinforcements – Woven fabrics – Determination of number of yarns per unit length of warp and weft.*

ISO 4603, *Textile glass - Woven fabrics - Determination of thickness.*

ISO 4604, *Textile glass - Woven fabrics - Determination of conventional flexural stiffness - Fixed angle flexometer method.*

ISO 5025, *Reinforcement products - Woven fabrics - Determination of width and length.*

ISO 11567, *Carbon fibre - Determination of filament diameter and cross-sectional area.*

3 Terms and definitions

For the purposes of this European Standard, the following terms and definitions given in ISO 472 apply.