

**Glass plant, pipeline and fittings -
Pipeline and fittings DN 15 to 1 000 -
Compatability and interchangeability**

Glass plant, pipeline and fittings - Pipeline and fittings DN 15 to 1 000 - Compatability and interchangeability

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12585:2001 sisaldab Euroopa standardi EN 12585:1998 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.06.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12585:2001 consists of the English text of the European standard EN 12585:1998.</p> <p>This document is endorsed on 18.06.2001 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 standard specifies the essential requirements for compatibility and interchangeability of borosilicate glass plant and fittings from DN 15 to DN 1 000 mm</p>	<p>Scope: This standard specifies the essential requirements for compatibility and interchangeability of borosilicate glass plant and fittings from DN 15 to DN 1 000 mm</p>
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ICS 23.040.50, 71.120.01

Võtmesõnad: borosilicate glass, compatibility, dimensions, glass, glass fittings, glass tubes, glassware, interchangeability, pipe fittings

ICS 23.040.50; 71.120.01

Descriptors: Glass, equipment, pipes, fittings, compatibility, interchangeability.

English version

**Glass plant, pipeline and fittings – Pipeline and fittings DN 15 to DN 1 000
Compatibility and interchangeability**

Appareillage, tuyauterie et raccords en verre – Tuyauterie et raccords DN 15 à DN 1 000 – Compatibilité et interchangeabilité

Apparate, Rohrleitungen und Fittings aus Glas – Rohrleitungen und Fittings DN 15 bis DN 1 000 – Verbindbarkeit und Austauschbarkeit

This European Standard was approved by CEN on 1998-11-08.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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

Foreword

This European Standard has been prepared by Technical Committee CEN/CS, the secretariat of which is held by DIN.

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 May 1999, and conflicting national standards shall be withdrawn at the latest by May 1999.

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

This standard specifies the essential requirements for compatibility and interchangeability of borosilicate glass plant, piping and fittings from DN 15 to DN 1 000.

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.

EN 1595

Pressure Equipment made from borosilicate glass 3.3 – General rules for design, manufacture and testing

ISO 3585

Borosilicate glass 3.3 – Properties

3 Definitions

For the purposes of this Standard the following definitions apply:

3.1 plant: A complete installation consisting of components, piping and fittings which are connected by flange couplings.

3.2 piping: A complete assembly consisting of pipe sections and fittings which are connected by flange couplings.

3.3 pipe section: A straight length of pipe fitted with buttress ends.

3.4 buttress end: The specially shaped end of a glass component, the joint face being either plain (flat or with gasket location groove) or spherical (convex or concave).

3.5 fittings: Items such as spacers, reducers, bends, tees, crosses, and valves used in conjunction with pipe sections within piping.

3.6 flange coupling: The complete assembly of backing flanges, inserts, gaskets, and the appropriate bolts and nuts for connecting two buttress ends.