

**Packaging - Rigid plastic containers - PET finish 30/25
Low (16,8)**

This document is a preview generated by EVS

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 16065:2011 sisaldab Euroopa standardi EN 16065:2011 ingliskeelset teksti.	This Estonian standard EVS-EN 16065:2011 consists of the English text of the European standard EN 16065:2011.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 30.11.2011.	Date of Availability of the European standard is 30.11.2011.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 55.100

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonsesse süsteemi või edastamine ükskõik millises vormis või millisel teel ilma Eesti Standardikeskuse kirjaliku loata on keelatud.

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardikeskusega:
Aru 10, 10317 Tallinn, Eesti; www.evs.ee; telefon 605 5050; e-post info@evs.ee

The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation:
Aru 10, 10317 Tallinn, Estonia; www.evs.ee; phone 605 5050; e-mail info@evs.ee

ICS 55.100

English Version

**Packaging - Rigid plastic containers - PET finish 30/25 Low
(16,8)**Emballage - Récipients en plastique rigide - Bague PET
30/25 Basse (16,8)Verpackung - Kunststoffbehälter - PET-
Verschlussmundstück 30/25 flach (16,8)

This European Standard was approved by CEN on 29 October 2011.

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 CEN-CENELEC Management Centre or to any CEN member.

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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG**Management Centre: Avenue Marnix 17, B-1000 Brussels**

Contents		Page
Foreword.....		3
Introduction		4
1	Scope	5
2	Dimensions.....	5
3	Requirements	5
Bibliography		7

Foreword

This document (EN 16065:2011) has been prepared by Technical Committee CEN/TC 261 “Packaging”, the secretariat of which is held by AFNOR.

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 2012, and conflicting national standards shall be withdrawn at the latest by May 2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This European Standard is based on CE.T.I.E. (International Technical Centre for Bottling and Packaging) data sheet GME 30.22 (2007) [1].

Efficient packaging is of great importance for the distribution and the protection of goods. Insufficient or inappropriate packaging can lead to damage or wastage of the contents of the pack.

1 Scope

This European Standard specifies the dimensions and requirements of the 30 mm low screw finish with three (3) thread starts for flat waters and non-carbonated beverages.

This finish can be used for aseptic filling and filling with introduction of nitrogen. The dimension (16,8) is the height in millimetres from the top of finish to the bottom of the support ledge.

This finish is designed to take a tamper evident plastic closure only. During first opening, the tamper evident band will separate from the closure shell and stay on a one way bottle neck or like bottles in the returnable market, the tamper evident band will tear but will remain connected to the closure shell.

2 Dimensions

2.1 The design and dimensions of the finish shall be as shown in Figure 1.

2.2 Dimensions of the 3 thread starts 120° apart.

180° of full depth thread per lead

R 6,25 thread lead-in

R 6,25 thread run-out

Lead: 9 mm (travel per turn)

2.3 General tolerance for others radii: $\pm 0,13$ mm.

2.4 Weight on height 16,8 mm: 3,73 g (density = 1,335).

3 Requirements

The following requirements apply.

- This finish is a top, side and inside seal finish. This finish shall be smooth and free of any defects that will contribute to leaks. Flash shall not exceed 0,13 mm per side, and shall not be continuous.
- On the blown bottle, the control diameter C shall be free of any defects up to 4 mm down for the internal bore and across the sealing surface of the finish.
- Requirements for good closure application on finish:
 - 0,13 mm max. out-of-parallel sealing surface with neck support ledge is allowed;
 - an offset or vertical mismatch of thread is not to exceed 0,10 mm at the mould seam. $\varnothing T$ dimension is not measured in the depressed area.
- Variations in $\varnothing E$ are to follow uniformly those of $\varnothing T$.
- No overhang allowed at any point in 360° between $\varnothing F$ and $\varnothing G$. A flash to 0,15 mm maximum step is allowable on one side only. $\varnothing G$ does not exceed $\varnothing E$.