

Packaging - Plastics drums - Part 3: Plug/bung closure systems for plastics drums with a nominal capacity of 113,6 l to 220 l

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 20848-3:2008 sisaldab Euroopa standardi EN ISO 20848-3:2008 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 21.07.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

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ICS 55.140

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English Version

Packaging - Plastics drums - Part 3: Plug/bung closure systems
for plastics drums with a nominal capacity of 113,6 l to 220 l
(ISO 20848-3:2006)

Emballages - Fûts en matière plastique - Partie 3:
Systèmes de fermeture à bords pour fûts en matière
plastique d'une capacité nominale de 113,6 l à 220 l (ISO
20848-3:2006)

Verpackung - Kunststofffässer - Teil 3: Verschlusssysteme
für Kunststoff-Spundfässer mit einem Nennvolumen von
113,6 l bis 220 l (ISO 20848-3:2006)

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Foreword

The text of ISO 20848-3:2006 has been prepared by Technical Committee ISO/TC 122 "Packaging" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 20848-3:2008 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of an identical text or by endorsement, at the latest by December 2008, and conflicting national standards shall be withdrawn at the latest by December 2008.

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Endorsement notice

The text of ISO 20848-3:2006 has been approved by CEN as a EN ISO 20848-3:2008 without any modification.

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Requirements	2
4.1 Dimensions.....	2
4.2 Gaskets.....	2
4.3 Closure torque.....	2
4.4 Material identification symbol.....	2
4.5 Materials.....	3
4.6 Thread.....	3
4.7 Plug/bung.....	3
4.8 Vented plug/bung.....	3
4.9 Finish.....	3
Annex A (normative) Plug/bung closure system BCS 70 × 6	4
Annex B (normative) Plug/bung closure system BCS 56 × 4	6
Annex C (normative) Plug/bung closure system BCS 38 × 6	11
Annex D (normative) Plug/bung closure system BCS 24 × 4	13
Annex E (normative) Plug/bung closure system BCS G2 × 5	15
Annex F (normative) Plug/bung closure system BCS G2 × 11,5	17
Annex G (normative) Plug/bung closure system BCS G3/4 × 14	19
Annex H (normative) International material code symbols	21
Bibliography	23

Introduction

Throughout the world, a large number of plastics drum types with different dimensions and characteristics are being used. The differences in types of closures may result in differences in filling and handling.

ISO 20848 specifies the characteristics and dimensions of closures for plastics drums which are of importance for the worldwide safe handling and transport of substances and for the continued reuse of the drums during their life cycle. Detailed performance requirements and the related test methods are not included as they depend upon the specific application.

Where the drums are intended to be used for the transport of dangerous goods, attention is drawn to the regulatory requirements which govern the transport of those goods in the countries concerned, including capseals/overseals fitted in accordance with the certificate. Depending upon the mode of transport, this means meeting the requirements of:

- **UN** (United Nations) — *Recommendations on the Transport of Dangerous Goods*,
- **ICAO** (International Civil Aviation Organization) — *Technical Instructions for the Safe Transport of Dangerous Goods by Air*,
- **IMO** (International Maritime Organization) — *International Maritime Dangerous Goods (IMDG) Code*.

This involves the certification and marking of the drums according to the regulations.

Packaging — Plastics drums —

Part 3:

Plug/bung closure systems for plastics drums with a nominal capacity of 113,6 l to 220 l

1 Scope

This part of ISO 20848 specifies the characteristics and dimensions of plug/bung closure systems for internally threaded openings in plastics drums of nominal capacity 113,6 l to 220 l.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 228-1, *Pipe threads where pressure-tight joints are not made on the threads — Part 1: Dimensions, tolerances and designation*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

plug/bung closure system

BCS

system of one or more components which enables an internally threaded container to be filled or emptied and then secured to provide a leakproof seal for subsequent transport or storage

NOTE See Figures A.1 to G.2.

3.2

plug/bung

device, provided with an external thread, which closes an opening in a drum

3.3

plug/bung housing

neck

that part of the container designed to receive the plug/bung

3.4

gasket

washer

component which, under compression, facilitates a leakproof seal between the plug/bung and plug/bung housing