
Packaging — Plastics drums —

Part 3:

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

Emballages — Fûts en matière plastique —

*Partie 3: Systèmes de fermeture à bondes pour fûts en matière
plastique d'une capacité nominale de 113,6 l à 220 l*

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 122, *Packaging*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

This second edition cancels and replaces the first edition (ISO 20848-3:2006), which has been technically revised. The main changes compared to the previous edition are as follows:

- deletion of plug/bung closure system BCS 24 × 4;
- addition of a variation of capseals;
- deletion of figure for material type “Others”;
- editorial changes.

A list of all parts in the ISO 20848 series can be found on the ISO website.

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 can result in differences in filling and handling.

This document 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 on 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 on 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; and
- **IMO** (International Maritime Organization) — International Maritime Dangerous Goods (IMDG) Code.

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

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