



BSI Standards Publication

Plastics collapsible containers for human blood and blood components

Part 1: Conventional containers

National foreword

This British Standard is the UK implementation of EN ISO 3826-1:2019+A1:2023. It is identical to ISO 3826-1:2019, incorporating amendment 1:2023. It supersedes BS EN ISO 3826-1:2019, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to ISO text carry the number of the ISO amendment. For example, text altered by ISO amendment 1 is indicated by **A1** **A1**.

The UK participation in its preparation was entrusted to Technical Committee CH/212, IVDs.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Published by BSI Standards Limited 2023

ISBN 978 0 539 20643 2

ICS 11.040.20

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 October 2019.

Amendments/corrigenda issued since publication

Date	Text affected
30 April 2023	Implementation of ISO amendment 1:2023 with CEN endorsement A1:2023

English Version

Plastics collapsible containers for human blood and blood components - Part 1: Conventional containers (ISO 3826-1:2019)

Poches en plastique souple pour le sang et les composants du sang - Partie 1: Poches conventionnelles (ISO 3826-1:2019)

Kunststoffbeutel für menschliches Blut und Blutbestandteile - Teil 1: Konventionelle Beutel (ISO 3826-1:2019)

This European Standard was approved by CEN on 25 August 2019.

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European foreword

This document (EN ISO 3826-1:2019) has been prepared by Technical Committee ISO/TC 76 "Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use" in collaboration with Technical Committee CEN/TC 205 "Non-active medical devices" 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of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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Endorsement notice

The text of ISO 3826-1:2019 has been approved by CEN as EN ISO 3826-1:2019 without any modification.

European foreword to amendment 1

This document (EN ISO 3826-1:2019/A1:2023) has been prepared by Technical Committee ISO/TC 76 "Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use" in collaboration with Technical Committee CEN/TC 205 "Non-active medical devices" 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 October 2023, and conflicting national standards shall be withdrawn at the latest by October 2023.

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Endorsement notice to amendment 1

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for human blood and blood
components —**

**Part 1:
Conventional containers**

*Poches en plastique souple pour le sang et les composants du sang —
Partie 1: Poches conventionnelles*





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Published in Switzerland

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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).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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 76, *Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use*.

This third edition cancels and replaces the second edition (ISO 3826-1:2013), which has been technically revised.

The main changes compared to the previous edition are as follows:

- in [Clause 3](#) 'Terms and definitions' four new entries have been added;
- in [Clause 4](#), the designation example has been removed;
- [Clause 5](#) 'Design' has been revised, especially regarding the pilot samples, collection and transfer tube(s), blood-taking needle and outlet port(s);
- the physical requirements in [6.2](#) have been slightly amended;
- [Clause 8](#) 'Labelling' has been reviewed and amended with barcoding information;
- the normative references in [Clause 2](#) and the Bibliography have been updated.

A list of all parts in the ISO 3826 series can be found on the ISO website.

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.

Introduction

The manufacturers, or the suppliers, of plastics containers are expected to disclose in confidence to control authorities, if requested by them, full details of the plastics material(s) and the components of the materials and their methods of manufacture, details of manufacture of the plastics containers, including the chemical names and quantities of any additives, whether incorporated by the manufacturer of the plastics containers or present in the raw material, as well as full details of any additives that have been used.

Universal leucocyte depletion is mandatory in various countries. This document is considered as a basic for other standards which include technical innovations.

The requirements in this document are intended to

- a) ensure that the quality of blood and blood components is maintained as high as necessary,
- b) make possible efficient and safe collection, identification, storage, separation, and transfusion of the contents, with special attention to reducing or minimizing the risks resulting from
 - contamination, in particular, microbiological contamination,
 - air embolism,
 - errors in identification of plastics containers and any representative samples of contents,
 - interaction between the plastics container and its contents,
- c) ensure functional compatibility when used in combination with transfusion sets as specified in ISO 1135-4 or ISO 1135-5,
- d) provide a package with appropriate resistance to breakage and deterioration.

