

Reusable hypodermic syringes for medical use —

Part 1: Specification for dimensions of all-glass and metal-and-glass syringes

UDC 615.473.3:666.11 – 034:006.3/8

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

BSI
Documents

AVA

Document Sharing Hub

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Health Care Standards Policy Committee (HCC/-) to Technical Committee HCC/2, upon which the following bodies were represented:

- Association of Clinical Pathologists
- British Diabetic Association
- British Surgical Trades Association Incorporated
- Department of Health
- Disposable Hypodermic and Allied Equipment Manufacturers' Association (UK)
- Glass Manufacturers' Federation
- Medical Sterile Products Association
- Royal Pharmaceutical Society of Great Britain
- Coopted members

This British Standard, having been prepared under the direction of the Health Care Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 January 1990

© BSI 12-1999

First published as BS 1263 December 1946
First revision in Parts January 1990

The following BSI references relate to the work on this standard:
Committee reference HCC/2
Draft for comment 85/51307 DC

ISBN 0 580 18117 0

Amendments issued since publication

Amd. No.	Date of issue	Comments

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
1 Scope and field of application	1
2 References	1
3 Range of sizes	1
4 Capacity of syringes	1
5 Dimensions	1
6 Graduated scale	1
7 Fiducial line of piston	2
8 Nozzle	2
9 Packaging	2
10 Marking	2
Figure 1 — Designation of dimensions of hypodermic syringes	4
Figure 2 — Scale graduations of reusable syringes for medical use	5
Table 1 — Syringes, range of sizes, graduated scales and tolerances on graduated capacities	2
Table 2 — Designation of dimensions of all-glass syringes	2
Table 3 — Designation of dimensions of metal-and-glass syringes	3
Table 4 — Dimensions of all-glass syringes	3
Table 5 — Dimensions of metal-and-glass syringes	3
Publications referred to	Inside back cover

National foreword

This Part of BS 1263 has been prepared under the direction of the Health Care Standards Policy Committee.

It is identical with ISO 595-1:1986 (as corrected and reprinted 1988) “*Reusable all-glass or metal-and-glass syringes for medical use — Part 1: Dimensions*”, prepared by Technical Committee 84 “Syringes for medical use and needles for injection” of the International Organization for Standardization (ISO). Together with BS 1263-2, which specifies design and performance requirements and is identical with ISO 595-2:1987, it supersedes BS 1263:1946 which is withdrawn.

The principal technical differences from the 1946 edition which have arisen in adopting ISO 595 are the omission of the 0.5 mL size of syringe, the introduction of the 30 mL and 100 mL sizes and an increase in the options permissible for scale graduation. There are, however, many minor changes in the detail of the requirements which are too numerous to summarize.

ISO/TC 84 has decided that, for countries in which a tropical reference temperature is in use, the temperature of 27 °C is suitable. At present, ISO 595-1 gives a reference temperature of 20 °C. The additional, higher temperature will be included when ISO 595-1 is first revised.

Cross-references

International Standard	Corresponding British Standard
ISO 594-1:1986	BS 3930 <i>Conical fittings with a 6 % (Luer) taper for syringes, needles and other medical equipment</i> Part 1:1987 <i>Specification for general requirements</i> (Identical)
ISO 595-2:1987	BS 1263 <i>Reusable hypodermic syringes for medical use</i> Part 2:1990 <i>Specification for design and performance of all-glass and metal-and-glass syringes</i> (Identical)

The Technical Committee has reviewed the provisions of the draft of ISO 594-2, to which reference is made in the text, and has decided that they are acceptable for use with this standard. When ISO 594-2 is published, it is intended to implement it as BS 3930-2.

Product certification. Users of this British Standard are advised to consider the desirability of third party certification of product conformity with this British Standard based on testing and continuing surveillance, which may be coupled with assessment of a supplier’s quality systems against the appropriate Part of BS 5750.

Enquiries as to the availability of third party certification schemes will be forwarded by BSI to the Association of Certification Bodies. If a third party certification scheme does not already exist, users should consider approaching an appropriate body from the list of Association members.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.