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Second edition
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Injection containers and accessories —

Part 7:

Injection caps made of aluminium-plastics combinations without overlapping plastics part

Réipients et accessoires pour produits injectables —

Partie 7: Capsules d'injection en combinaison aluminium-plastique avec élément plastique non débordant



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Foreword

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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.

ISO 8362-7 was prepared by Technical Committee ISO/TC 76, *Transfusion, infusion and injection equipment for medical and pharmaceutical use*.

This second edition cancels and replaces the first edition (ISO 8362-7:1995), of which it constitutes a minor revision.

ISO 8362 consists of the following parts, under the general title *Injection containers and accessories*:

- *Part 1: Injection vials made of glass tubing*
- *Part 2: Closures for injection vials*
- *Part 3: Aluminium caps for injection vials*
- *Part 4: Injection vials made of moulded glass*
- *Part 5: Freeze drying closures for injection vials*
- *Part 6: Caps made of aluminium-plastics combinations for injection vials*
- *Part 7: Injection caps made of aluminium-plastics combinations without overlapping plastics part*

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Introduction

The materials from which injection containers (including elastomeric closures) are made are suitable primary packaging materials for storing injectable products until they are administered. However, in this part of ISO 8362, injection caps are not considered as primary packaging materials in direct contact with pharmaceutical preparations.

During the processing of injection vials 2R and 4R, according to ISO 8362-1, and injection vials 6R, 8R, 10I, 5H, 7H and 8H, according to ISO 8362-1 and ISO 8362-4 respectively, difficulties may arise when using injection caps made of aluminium-plastics combinations corresponding to ISO 8362-6 because the diameter d_2 of the plastics element is larger than the diameter d of the injection vial body.

In order to avoid problems during the automatic working process, e.g. labelling of the vials or intermediate storage on a turntable, injection caps made of aluminium-plastics combinations are designed in such a way that the plastics element does not overlap the diameter of the vial body.