

# ISO 7683:2024-10 (E)

## Design criteria and test methods for removable shrink labels applied to PET bottles

### Contents

Page

Foreword..... iv

Introduction..... v

**1 Scope..... 1**

**2 Normative references..... 1**

**3 Terms and definitions..... 1**

**4 Design criteria..... 2**

    4.1 General..... 2

    4.2 Design criteria..... 3

        4.2.1 Visual indications of the starting point of separation..... 3

        4.2.2 Finger tab or initiation cuts..... 3

        4.2.3 Label material..... 3

        4.2.4 Shape of bottle..... 4

        4.2.5 Size of holes and spacing between holes..... 4

        4.2.6 Perforated line..... 4

        4.2.7 Improving removability..... 4

**5 Test methods for removability..... 4**

    5.1 Sample and panel preparation..... 4

    5.2 Test procedure for removability..... 4

        5.2.1 General..... 4

        5.2.2 Test method for ease of identifying the starting point of separation on a shrink label..... 5

        5.2.3 Test method for ease of separation of a shrink label..... 5

    5.3 Evaluation method for removability of a shrink label..... 6

**6 Test report..... 6**

**Annex A (informative) Example test report for ease of removability of shrink labels..... 7**

**Bibliography..... 8**