SLOVENSKI STANDARD
oSIST prEN 16285:2020

01-september-2020

Embalaža - Prožne aluminijaste tube - Preskusne metode za merjenje deformacije telesa aluminijaste tube (preskus z giljotino)

Packaging - Flexible aluminium tubes - Test method to measure the deformation of the aluminium tube body (Guillotine test)

Packmittel - Aluminiumtuben - Prüfverfahren zur Messung der Verformung des Mantels von Aluminiumtuben (Guillotine-Prüfung)

Emballage - Tubes souples en aluminium - Méthode d'essai pour mesurer la déformation du corps du tube en aluminium (test Guillotine)

Ta slovenski standard je istoveten z: **prEN 16285**

ICS:

55.120	Pločevinke. Tube	Cans. Tins. Tubes
77.150.10	Aluminijski izdelki	Aluminium products

oSIST prEN 16285:2020 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 55.120

Will supersede EN 16285:2013

English Version

Packaging - Flexible aluminium tubes - Test method to measure the deformation of the aluminium tube body (Guillotine test)

Emballage - Tubes souples en aluminium - Méthode d'essai pour mesurer la déformation du corps du tube en aluminium (test Guillotine)

Packmittel - Aluminiumtuben - Prüfverfahren zur Messung der Verformung des Mantels von Aluminiumtuben (Guillotine-Prüfung)

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 261.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (prEN 16285:2020) has been prepared by Technical Committee CEN/TC 261 “Packaging”, the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 16285:2013.

In comparison with the previous edition, the following technical modifications have been made:

— clarifications have been introduced for the provisions of the test device;

— two new di nominal diameters have been added in Table 1 — Deformation values.

1 Scope

This document specifies a method to measure the deformation of the aluminium tube body.

It is applicable to cylindrical aluminium tubes used for packing pharmaceutical, cosmetic, hygiene, food and other domestic and industrial products.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

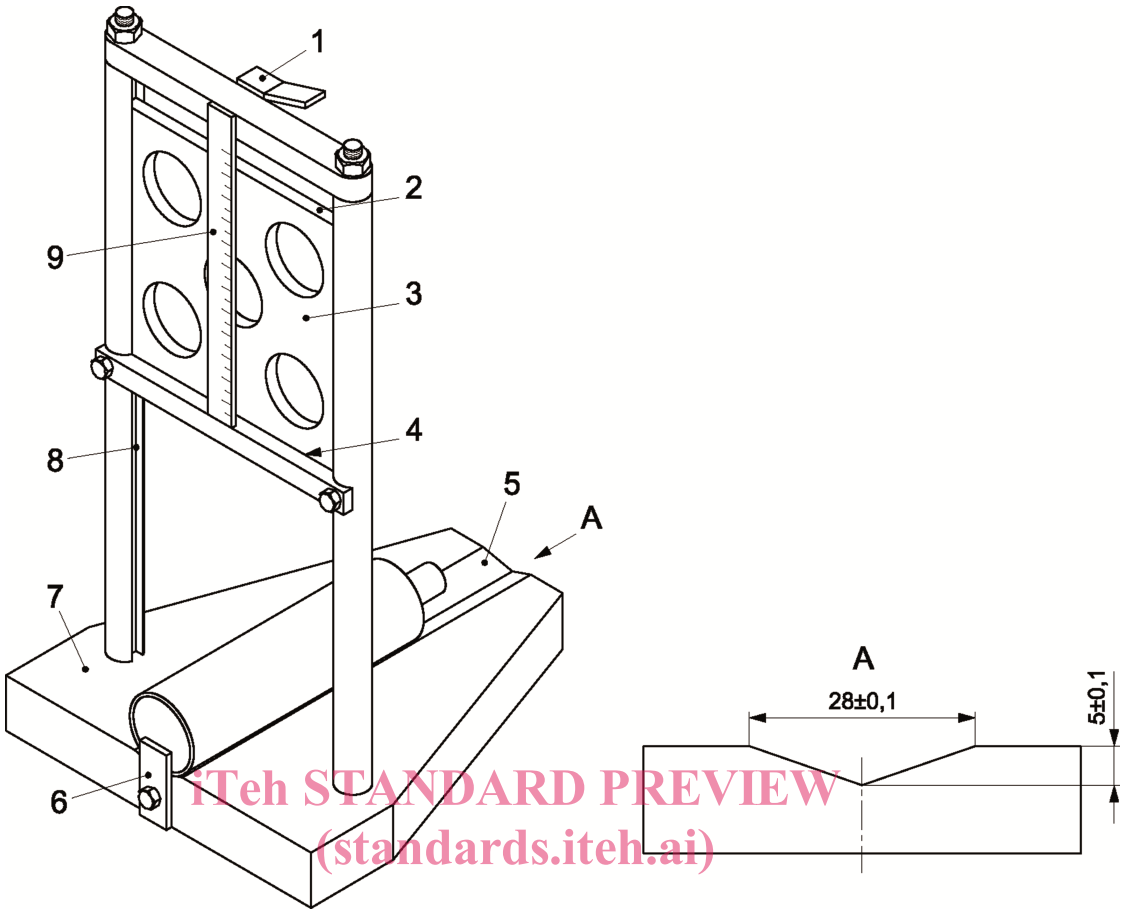
No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at http://www.electropedia.org/
- ISO Online browsing platform: available at https://www.iso.org/obp/ui

4 Testing equipment

The testing equipment (see Figure 1) shall conform to the information given below. Appropriate data should be chosen where no details are given.



Key

1 locking lever for drop weight
2 upper edge of drop weight
3 drop weight
4 lower edge of drop weight burr-free
5 prism-shaped support
6 limit stop
7 base plate
8 width of guide groove
9 scale

Figure 1 — Test equipment

With the drop weight locked in position (the situation shown), the lower edge of the drop weight is in line with the value '0' on the scale. If the drop weight is released and there is no test piece, the drop weight will rest on the base plate. The upper edge of the drop weight then corresponds to the value '0' on the scale. The scale is 0 mm to 120 mm. The width of the guide groove is $5,3^{+0,2}_{-0}$.

The height of the fall of the drop weight is (115 ± 1) mm. The thickness of the drop weight is $5^{+0,1}_{0}$ mm. The total weight is (25 ± 0,1) g or (75 ± 0,1) g.

The distance between the drop weight and the limit stop is 32 mm for tubes with a diameter of more than 13,5 mm and 20 mm for tubes with diameters of 9,8 mm, 11 mm and 13,5 mm.