

Glass packaging - Dimensions of neck finishes for
aerosol and spray glass containers

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 14854:2021 sisaldab Euroopa standardi EN 14854:2021 ingliskeelset teksti.	This Estonian standard EVS-EN 14854:2021 consists of the English text of the European standard EN 14854:2021.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
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English Version

Glass packaging - Dimensions of neck finishes for aerosol and spray glass containers

Emballage en verre - Dimensions des bagues des
flacons en verre pour générateurs d'aérosols et
pulvérisateurs

Verpackungen aus Glas - Maße der Mündungen für
Aerosolbehälter und Sprühbehälter aus Glas

This European Standard was approved by CEN on 30 August 2021.

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European foreword

This document (EN 14854:2021) has been prepared by Technical Committee CEN/TC 261 "Packaging", the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by May 2022, and conflicting national standards shall be withdrawn at the latest by May 2022.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 14854:2005.

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

- clear separation of the specifications for tubular glass from those for moulded glass;
- the height of the sealing bead on moulded glass only now has tolerances (and therefore the tolerance of the flange height is slightly increased);
- the dimension F has been recalculated to be more consistent with the finish geometry (driven by B max) for both moulded and tubular glass;
- addition of some complementary specifications for moulded glass: distance (G) from the lug to under flange, minimum height (H min) for a standard skirt and some angles and radii;
- introduction of a nomenclature of the specified dimensions.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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1 Scope

This document specifies dimensions of neck finishes for aerosol and spray glass containers, in order to guarantee tight sealing of valves or pumps with ferrules defined by EN 14849.

It applies to glass containers with a nominal diameter of the neck finish around 11 mm, 13 mm, 15 mm, 17 mm, 18 mm and 20 mm for both moulded and tubular glass neck finishes.

NOTE These neck finishes are commonly called FEA 11, 13, 15, 17, 18 and 20.

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 <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

4 Moulded glass

4.1 Neck finish diameter 13 mm to 20 mm

The dimensions of a moulded glass aerosol and spray glass container with a neck finish diameter of 13 mm to 20 mm shall conform to Figure 1 and Figure 2.

See Annex A for explanations of the symbols.