

TNI	Prepravné fľaše na plyny Porózne materiály pre fľaše na acetylén	TNI CEN/TR 14473 07 8534
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Transportable gas cylinders - Porous materials for acetylene cylinders

Táto technická normalizačná informácia obsahuje anglickú verziu CEN/TR 14473:2020.
This Technical standard information includes the English version of CEN/TR 14473:2020.

Táto technická normalizačná informácia bola oznámená vo Vestníku ÚNMS SR č. 02/21

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English Version

Transportable gas cylinders - Porous materials for acetylene cylinders

Bouteilles à gaz transportables - Matières poreuses pour bouteilles à acétylène

Ortsbewegliche Gasflaschen - Poröse Materialien für Acetylenflaschen

This Technical Report was approved by CEN on 2 November 2020. It has been drawn up by the Technical Committee CEN/TC 23.

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

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CEN/TR 14473:2020 (E)

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European foreword

This document (CEN/TR 14473:2020) has been prepared by Technical Committee CEN/TC 23 “Transportable gas cylinders”, the secretariat of which is held by BSI.

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 CEN/TR 14473:2014.

Compared to the previous version, the following changes apply:

- a) data of further porous materials has been added;
- b) the structure of the document has been changed:
 - Clause 7 contains data for porous materials for acetylene cylinders approved to TPED evaluation of conformity at time of manufacture;
 - Clause 8 contains data for porous materials for acetylene cylinders reassessed in accordance with TPED;
 - Clause 9 contains data for porous materials for individual acetylene cylinders and that are type approved based on national regulations;
- c) the document has been aligned with the current principles and rules for the structure and drafting of CEN and CENELEC documents.

For amendments or changes to this report, an application shall be made to the Secretariat of CEN/TC 23, with a copy of the documentation based on which the acetylene cylinders are placed on the market (type approval by the competent authority or conformity assessment in accordance with Directive 2010/35/EU (TPED)).

CEN/TR 14473:2020 (E)**Introduction**

This document contains data and information about monolithic porous materials for acetylene cylinders.

It does not contain information about non-monolithic porous materials.

In International Standards, weight is equivalent to a force, expressed in newton. However, in common parlance the word “weight” continues to be used to mean “mass”, but this practice is deprecated (ISO 80000-4).

In this document the unit bar is used, due to its universal use in the field of technical gases. It should, however, be noted that bar is not an SI unit, and that the according SI unit for pressure is Pa ($1 \text{ bar} = 10^5 \text{ Pa} = 10^5 \text{ N/m}^2$).

Pressure values given in this document are given as gauge pressure (pressure exceeding atmospheric pressure) unless noted otherwise.

1 Scope

This document contains information about monolithic porous materials used in individual acetylene cylinders and in acetylene cylinder bundles in Europe. It does not claim to be exhaustive.

NOTE Where there is any conflict between this document and any applicable regulation, the regulation always takes precedence.

2 Normative references

There are no normative references in this document.

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