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**Polymeric materials, cellular flexible —  
Determination of stress-strain  
characteristics in compression —**

**Part 1:  
Low-density materials**

**AMENDMENT 1**  
**iTeh STANDARD PREVIEW**  
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*Matériaux polymères alvéolaires souples — Détermination de la  
caractéristique de contrainte-déformation relative en compression —*

*ISO 3386-1:1986/Amd.1:2010*  
<https://standards.iteh.ai/en/standards/iso-3386-1-1986-amd-1-2010/660f278ach23/iso-3386-1-1986-amd-1-2010>  
**Partie 1: Matériaux à basse masse volumique**  
**AMENDEMENT 1**



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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.

Amendment 1 to ISO 3386-1:1986 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 4, *Products (other than hoses)*.

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# Polymeric materials, cellular flexible — Determination of stress-strain characteristics in compression —

## Part 1: Low-density materials

### AMENDMENT 1

*Page 1, Clause 2*

Add the following new reference after ISO 2439.

ISO 7500-1, *Metallic materials — Verification of static uniaxial testing machines — Part 1: Tension/compression testing machines — Verification and calibration of the force-measuring system*

*Page 1, Subclause 4.1*

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Replace the second paragraph by:

The test machine shall be capable of measuring the force with an accuracy corresponding to class 1 of ISO 7500-1 or with an accuracy of  $\pm 1$  N, and also of measuring the test piece thickness under load with an accuracy of  $\pm 0,25$  mm.

*Page 2, Subclause 5.4*

Replace the existing text by the following:

Materials shall not be tested less than 72 h after manufacture unless it can be demonstrated that the mean results obtained at either 16 h or 48 h after manufacture do not differ by more than  $\pm 10$  % from those obtained after 72 h, in which case testing is permitted at 16 h or 48 h, respectively.

Prior to the test, the test pieces shall be conditioned, undeflected and undistorted, for at least 16 h in one of the following atmospheres:

23 °C  $\pm$  2 °C, (50  $\pm$  5) % relative humidity;

27 °C  $\pm$  2 °C, (65  $\pm$  5) % relative humidity.

This conditioning period can form the final part of or, in the case of testing 16 h after manufacture, the whole of the period following manufacture.

In the case of quality-control tests, test pieces can be taken a shorter time (down to a minimum of 12 h) after manufacture and testing carried out after conditioning for a shorter period (down to a minimum of 6 h) in one of the atmospheres specified above.

Testing shall be carried out at the same temperature and relative humidity as those used for conditioning.

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