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**Definitions of some terms used in the  
tyre industry —**

**Part 1:  
Pneumatic tyres**

*Définitions de certains termes utilisés dans l'industrie du  
pneumatique —*

*Partie 1: Pneumatiques*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*.

This fifth edition cancels and replaces the fourth edition (ISO 4223-1:2002), which has been technically revised. It also incorporates the Amendment ISO 4223-1:2002/Amd 1:2011.

A list of all parts in the ISO 4223 series can be found on the ISO website.

# Definitions of some terms used in the tyre industry —

## Part 1: Pneumatic tyres

### 1 Scope

This document defines a number of significant terms related to pneumatic tyres used in the tyre industry, together with corresponding codes, symbols and values.

NOTE 1 For other terms used in this field and their equivalents in other languages, see ISO 3877 (all parts). For terms and definitions relating to wheels/rims, see ISO 3911.

NOTE 2 [Annex A](#) forms a normative part of this document.

### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 4251-4, *Tyres (ply rating marked series) and rims for agricultural tractors and machines — Part 4: Tyre classification and nomenclature*

### 3 Terms, definitions and symbols

For the purposes of this document, the terms, definitions and symbols given in ISO 4251-4 and the following apply.

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 <http://www.iso.org/obp>

#### 3.1 Terms relating to category of use

##### 3.1.1

##### **normal tyre**

tyre intended for highway (or public highway) use which does not require “M+S” (or other variations) or severe snow or *special use* (3.1.2) tyre designations

Note 1 to entry: Examples of special use tyre designations are MPT, ML (3.7.1.1.16), POR.

##### 3.1.2

##### **special use**

tyre intended for mixed use both on- and off-road or for other special duty and primarily designed to initiate and maintain the vehicle in motion in off-road conditions