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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 4223 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 4223-1 was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*.

This fourth edition cancels and replaces the third edition (ISO 4223-1:1989), which has been technically revised.

ISO 4223 consists of the following parts, under the general title *Definitions of some terms used in the tyre industry*:

- *Part 1: Pneumatic tyres*
- *Part 2: Solid tyres*

Annex A forms a normative part of this part of ISO 4223.

# Definitions of some terms used in the tyre industry —

## Part 1:

## Pneumatic tyres

### 1 Scope

This part of ISO 4223 defines a number of significant terms related to pneumatic tyres used in the tyre industry, together with corresponding codes, symbols and values.

NOTE For other terms used in this field and their equivalents in other languages, see ISO 3877-1 to ISO 3877-4. For terms and definitions relating to wheels/rims, see ISO 3911.

### 2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this part of ISO 4223. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 4223 are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 4251-4:1992, *Tyres (ply rating marked series) and rims for agricultural tractors and machines — Part 4: Tyre classification and nomenclature*.

### 3 General terms and definitions

#### 3.1 Category of use

##### 3.1.1

##### **normal**

tyre for normal use

##### 3.1.2

##### **special**

tyre intended for mixed use, both on or off road or for other special service

##### 3.1.3

##### **snow tyre**

tyre whose tread pattern, tread compound and structure are primarily designed to achieve in snow conditions a performance better than that of a normal tyre with regard to its ability to initiate or maintain vehicle motion

##### 3.1.4

##### **temporary-use spare tyre**

tyre different from the one intended to be fitted to a vehicle for normal driving conditions and intended only for temporary use under restricted driving conditions

##### 3.1.5

##### **T-type temporary-use spare tyre**

temporary-use spare tyre designed for use at an inflation pressure higher than those established for standard and reinforced tyres