

# International Standard



# 7375/1

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

## Road vehicles — Coiled pipe assemblies for pneumatic braking connection between motor vehicles and towed vehicles —

### Part 1 : Dimensions

*Véhicules routiers — Tuyaux flexibles spiralés munis de leur raccord pour la liaison de freinage pneumatique entre automobiles et véhicules tractés — Partie 1 : Dimensions*

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**Descriptors :** road vehicles, motor vehicles, trailers, pneumatic couplings, pneumatic brake pipes (tubes), dimensions, pipe joints.

Price based on 2 pages

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 7375/1 was developed by Technical Committee ISO/TC 22, *Road vehicles*, and was circulated to the member bodies in January 1981.

It was been approved by the member bodies of the following countries :

|                     |                      |                       |
|---------------------|----------------------|-----------------------|
| Austria             | Iran                 | Poland                |
| Belgium             | Italy                | Romania               |
| Brazil              | Japan                | South Africa, Rep. of |
| Bulgaria            | Korea, Dem.P.Rep. of | Sweden                |
| China               | Korea, Rep. of       | Switzerland           |
| Czechoslovakia      | Mexico               | United Kingdom        |
| Egypt, Arab Rep. of | Netherlands          | USSR                  |
| France              | New Zealand          |                       |

The member body of the following country expressed disapproval of the document on technical grounds :

Germany, F.R.

# Road vehicles — Coiled pipe assemblies for pneumatic braking connection between motor vehicles and towed vehicles —

## Part 1 : Dimensions

### 1 Scope

This International Standard specifies, for coiled pipe assemblies, the minimum conditions to ensure braking compatibility and in particular response time.

Part 1 specifies the dimensional characteristics of the tubing with its end fitting.

Part 2 specifies the performance requirements.

### 2 Field of application

This International Standard applies to coiled pipe assemblies connections for vehicle combinations equipped with pneumatic braking systems.

It does not apply to other thermo-plastic tubing used in those braking systems.

Two types are provided :

Type 1 with a working length of 4 m;

Type 2 with a working length of 4,5 m.

### 3 Reference

ISO 7375/2, *Road vehicles — Coiled pipe assemblies for pneumatic braking connection between motor vehicles and towed vehicles — Part 2 : Performance requirements.*<sup>1)</sup>

### 4 Dimensional characteristics

The dimensional characteristics of the coiled pipe assemblies are shown in the figure.

The external design, the method of fixing the pipe to the end fitting as well as auxiliary devices such as anti-kink systems are left to the discretion of the manufacturers.

### 5 Colour

Black is the recommended colour for the tubing; however coloured sleeving, for example, red, yellow, may be fitted at the ends for line function identification.

1) At present at stage of draft.