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International Standard



780

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

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## Packaging — Pictorial marking for handling of goods

*Emballages — Symboles graphiques relatifs à la manutention des marchandises*

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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 developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized 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 780 was developed by Technical Committee ISO/TC 122, *Packaging*, and was circulated to the member bodies in November 1981.

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

Australia	Iraq	Romania
Austria	Ireland	South Africa, Rep. of
Bulgaria	Israel	Spain
Canada	Italy	Sweden
Czechoslovakia	Korea, Rep. of	Turkey
Egypt, Arab Rep. of	Malaysia	United Kingdom
France	Netherlands	USSR
Germany, F. R.	New Zealand	Yugoslavia
India	Poland	

The member bodies of the following countries expressed disapproval of the document on technical grounds :

Belgium  
Japan

This International Standard cancels and replaces ISO/R Recommendation ISO 780-1968, of which it constitutes a technical revision.

# Packaging — Pictorial marking for handling of goods

## 0 Introduction

Packages are often marked with handling instructions in the language of the country of origin. While this may safeguard the consignment to some extent, it is of little value for goods consigned to, or through, countries using different languages, and of no value at all if people handling the packages are illiterate.

Graphical symbols offer the only possibility of conveying the consignor's intention and their adoption will, therefore, undoubtedly reduce loss and damage through incorrect handling.

The use of graphical symbols does not provide any guarantee of satisfactory handling; proper protective packing is therefore of primary importance.

## 1 Scope and field of application

This International Standard specifies a set of symbols, conventionally used for marking of transport packages to convey handling instructions.

It applies to packages containing any kind of goods, but does not include instructions specific to the handling of dangerous goods.

## 2 Symbols

### 2.1 Display of the symbols

Symbols may appear on a label or should preferably be stencilled directly on the package<sup>1)</sup>. It is recommended that the symbols be painted, printed or otherwise reproduced, as specified in this International Standard. They need not be framed by border lines.

### 2.2 Colour of the symbols

The colour to be used for symbols is black.

If the colour of the package is such that the symbol would not show clearly, a panel of a suitable contrasting colour, preferably white, shall be provided as a background.

Care shall be taken to avoid the use of colours which could lead to confusion with the labelling of dangerous goods. The use of red or orange shall be avoided unless existing regional or national regulations expressly prescribe such use.

### 2.3 Size of the symbols

For normal purposes the overall size of the symbols shall be 100, 150 or 200 mm.

The size or shape of the package may, however, necessitate use of larger or smaller sizes for the symbols.

### 2.4 Number, location and position of the symbols

**2.4.1** The number of identical symbols to be affixed to any package depends on its size and shape (see figure 3a).

Symbol 1 shall be shown near the left-hand upper corner on all four upright sides of the packages (see figure 3a) in the table).

Symbol 3 shall appear in the same position as required for symbol 1. Where both symbols are required symbol 1 shall appear nearer to the corner (see figure 3b) in the table).

Symbol 5 "sling here" shall be placed on at least two opposite faces.

Symbol 7 "centre of gravity" shall be placed on all normally upright sides.

**2.4.2** When transport packages are formed into a unit load, symbols should be located so as to ensure they are visible (see figure 3c) in the table).

**2.4.3** Particular attention shall be paid to the correct application of the marks, as faulty application may lead to misinterpretation.

Symbols 5 and 7 shall be applied in their correct respective positions in order to convey their meanings clearly and fully.

## 3 Handling instructions

Handling instructions shall be indicated on transport packages by using the corresponding symbols given in the table. Symbol 1 contains two messages.

If necessary the cautionary basic text may appear below the symbol in the national language of the country of origin and/or destination. However, to the extent possible, instructions should be written in languages commonly used in international trade.

1) In case of stencilling, the symbols have to be provided with bars if required (see the figure after the table).

Table



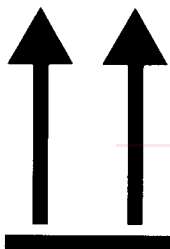
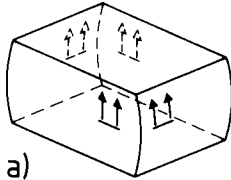
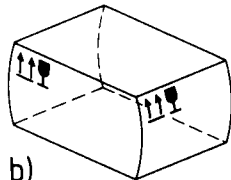
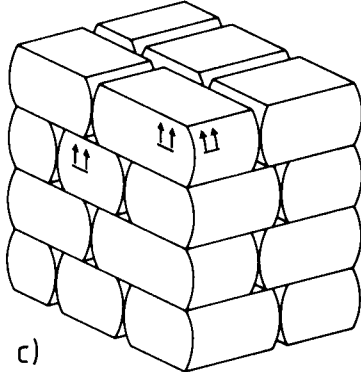
No.	Implication of symbol	Symbol	Function	Remarks
1	FRAGILE HANDLE WITH CARE	 ISO 7000/No. 0621	To indicate :  a) that the contents of the transport package are fragile;  b) that it has to be handled with care.	
2	USE NO HOOKS	 ISO 7000/No. 0622	To indicate that hooks are prohibited for lifting the transport package.	
3	THIS WAY UP	 ISO 7000/No. 0623  Examples of display :   a)  b)   c)	To indicate the correct upright position of the transport package.	

Table (continued)

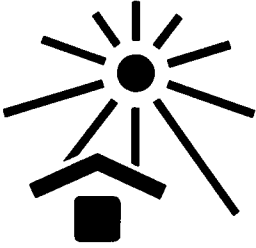

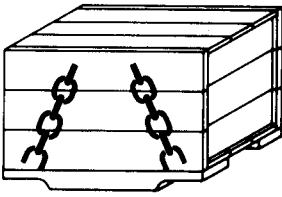

No.	Implication of symbol	Symbol	Function	Remarks
4	KEEP AWAY FROM HEAT	 <p>ISO 7000/No. 0624</p>	To indicate that the transport package shall be kept away from heat.	
5	SLING HERE	 <p>ISO 7000/No. 0625</p> <p>Example of display :</p> 	To indicate where the slings shall be placed for lifting the transport package.	See 2.4.1 and 2.4.3
6	KEEP DRY	 <p>ISO 7000/No. 0626</p>	To indicate that the transport package shall be kept in a dry environment.	

Table (continued)

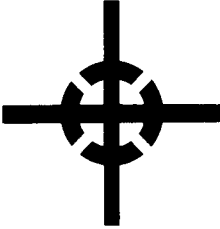
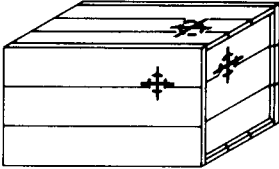
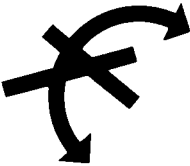



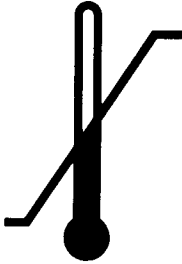
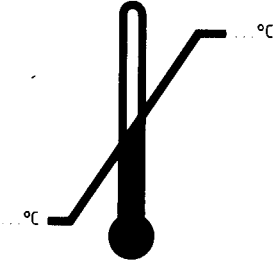
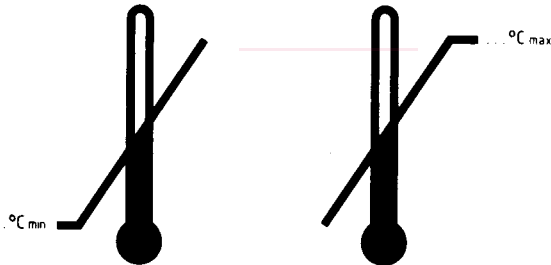
No.	Implication of symbol	Symbol	Function	Remarks
7	CENTRE OF GRAVITY	 <p>ISO 7000/No. 0627</p> <p>Example of display :</p> 	<p>To indicate the centre of gravity of the transport package.</p> <p>NOTE — Example for display of symbol 7 to indicate the centre of gravity of a transport package : in this case not identical with the centre of gravity assumed by the geometrical shape of package.</p>	<p>See 2.4.1 and 2.4.3</p>
8	DO NOT ROLL	 <p>ISO 7000/No. 0628</p>	<p>To indicate that the transport package shall not be rolled.</p>	
9	NO HAND TRUCK HERE	 <p>ISO 7000/No. 0629</p>	<p>To indicate where hand trucks or dollies shall not be placed when handling the transport package.</p>	
10	STACKING LIMITATION	<p>... kg max</p>  <p>ISO 7000/No. 0630</p>	<p>To indicate the limited stacking possibilities of the transport package.</p>	
11	CLAMP HERE	 <p>ISO 7000/No. 0631</p>	<p>To indicate where clamps shall be placed for handling the transport package.</p>	

Table (concluded)

No.	Implication of symbol	Symbol	Function	Remarks
12	TEMPERATURE LIMITATIONS	 <p>ISO 7000/No. 0632</p> <p>Examples :</p>  	To indicate the temperature limitations within which the transport package shall be kept and handled.	

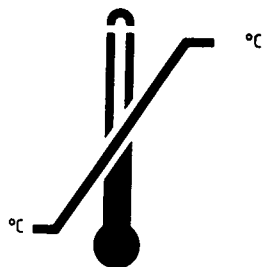


Figure — Examples for symbols with bars for application by stenciling