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**Kraft paper sacks—
Vocabulary and types**

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Reference number : **JIS Z 0102 : 2004 (E)**

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee, as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Kraft Paper Sacks Industrial Association (JKPSA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS Z 0102 : 1996** is replaced with this Standard.

In order to conform to the International Standard, this revision has been prepared based on **ISO 6590-1 : 1983** *Packing—Sacks—Vocabulary and types—Part 1 : Paper sacks*.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Kraft paper sacks—Vocabulary and types

Introduction This Japanese Industrial Standard has been prepared based on the first edition of **ISO 6590-1** *Packaging—Sacks—Vocabulary and types—Part 1 : Paper sacks* published in 1983 with some modifications of the editorial presentation and/or the technical contents.

In addition, clause 7 gives the definitions not included in the corresponding International Standard to form a part of Japanese Industrial Standard.

Portions given sidelines or dotted underlines are the matters modified from the original International Standard. The list of modification with the explanation is given in annex (informative).

1 Scope This Standard defines terms, classification and packaging terms commonly used in kraft paper sack manufacture. It refers to single- and multi-ply sacks made from kraft paper; it does not refer to bags for the retail trade.

NOTE : The International Standard corresponding to this Standard is as follows.

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21**.

ISO 6590-1 : 1983 *Packaging—Sacks—Vocabulary and types—Part 1 : Paper sacks* (MOD)

2 General Certain definitions relating to paper sacks and their manufacture are indicated.

- a) **paper sack** A container made essentially from one or more flattened tubular plies of paper closed at least at one end, possibly in combination with other flexible materials to provide the properties required for filling and the goods distribution chain (hereafter referred to as “sack”).
- b) **ply** A sheet of paper or other flexible material, or combination of such materials, forming the walls of a sack.
- c) **gusset** A fold inserted in the longitudinal edge of a tube or sack.
- d) **tube** One or more plies in the form of a flattened cylinder cut into prescribed lengths.
 - 1) **flat tube** A tube comprised solely of flattened cylindrical plies with no inserted folds.
 - 2) **gusseted tube** A tube with folds inserted in the longitudinal edges.
 - 3) **flush cut tube** (flat or gusseted) A tube with plies cut collectively to a prescribed length [see figure 1 a)].
 - 4) **stepped end tube** (flat or gusseted) A tube with plies severed in echelon to a prescribed length [see figure 1 b)].