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STANDARD

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JIS Z 1709 : 1995

Heat shrinkable plastic films
for packaging

ICS 55.040

Descriptors : plastics, films (states of matter), heat-shrinkable materials, packaging materials

Reference number : JIS Z 1709 : 1995 (E)

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law:

Date of Establishment: 1976-12-01

Date of Revision: 1995-12-01

Date of Public Notice in Official Gazette: 1995-12-01

Investigated by: Japanese Industrial Standards Committee
Divisional Council on High Molecular
Materials

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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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Heat shrinkable plastic films for packaging

1 Scope This Japanese Industrial Standard specifies heat shrinkable plastic films for packaging used for transport packaging or assembly packaging (hereafter referred to as “films”).

Remarks 1 The standards cited in this Standard are as follows:

JIS B 7524 *Feeler gauges*

JIS Z 0108 *Glossary of terms for packaging (general part)*

JIS Z 1702 *Polyethylene films for packaging*

2 In this Standard the units and numerical values in { } are based on the traditional units, and appended for reference only.

2 Definitions For the purpose of this Standard the following significant definitions apply:

(1) **assembly packaging** The assembly packaging means such packaging that plural packaged freights are placed on a pallet or skid and united in a large freight.

Remarks : Refer to **JIS Z 0108**.

(2) **heat shrinkable plastic film for packaging** The heat shrinkable plastic film for packaging is a plastic film processed by stretching and shrunk by heating in packaging work to settle things.

(3) **machine direction and transverse direction of film** The direction parallel to the stream of film processing is called machine direction (symbol is M.D.) and the direction perpendicular to it is called transverse direction (symbol is T.D.).

Remarks : Refer to **JIS Z 1702**.

(4) **shrinkage ratio** The shrinkage ratio means the shrinkage percentage in machine direction to the shrinkage percentage in transverse direction.

(5) **shrinkage percentage** The shrinkage percentage means the dimensional change when a film is freely shrunk by heating without any restriction and generally expressed in percentage.