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(JPA/JSA)

**Plastic flat pallets using recycled
containers and packing**

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Japan Pallet Association (JPA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

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Plastic flat pallets using recycled containers and packing

1 Scope

This Japanese Industrial Standard specifies plastic flat pallets for repeated use (hereafter referred to as pallets), which are made of recycled containers and packaging, at least 80 % per total mass of one piece.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS Z 0106 *Glossary of terms relating pallets*

JIS Z 0602 *Test methods for flat pallets*

3 Term and definition

For the purpose of this Standard, the term and definition given in **JIS Z 0106**, and the following apply.

3.1 recycled containers and packaging

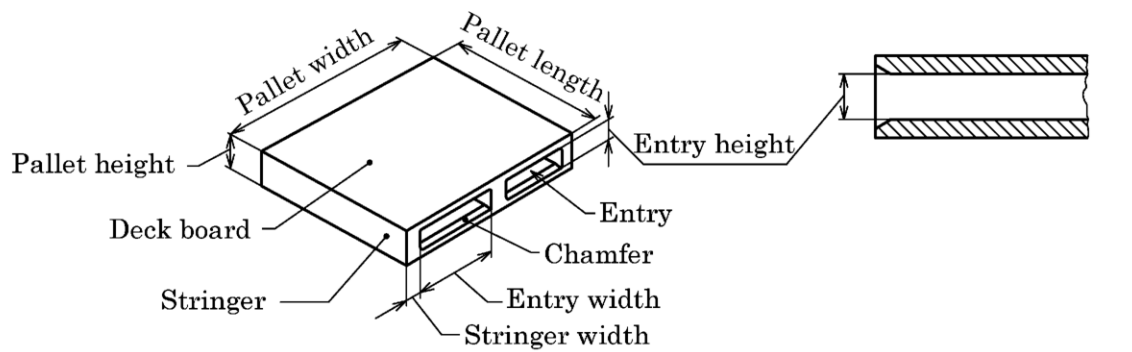
[of containers and packaging which are covered by the Act on the Promotion of Sorted Collection and Recycling of Containers and Packaging (hereafter referred to as the Act on Recycling of Containers and Packaging)] plastic material, mainly composed of polyethylene and polypropylene, which is recovered and used as recycled containers and packaging

NOTE : The facilities to be equipped, or the quality items to be controlled, by the recyclers who conduct the recycling of plastic containers and packaging, in accordance with the Act on Recycling of Containers and Packaging, are indicated in the “Guidelines on recycling process of plastic containers and packaging” by The Japan Containers And Packaging Recycling Association.

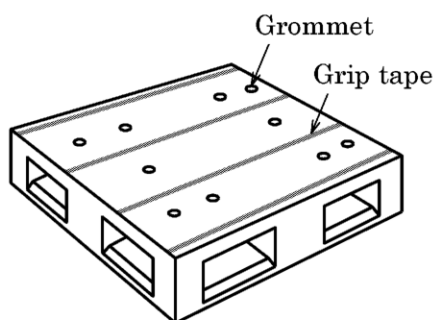
“Recycled containers and packaging” here indicates recycled materials that satisfy these quality criteria.

4 Name of each part

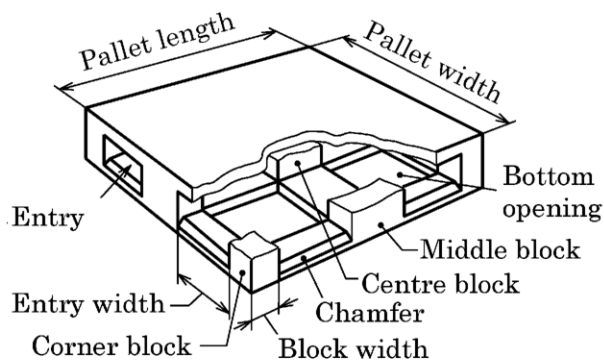
The name of each part of pallets shall be as shown in Figure 1.



a) Reversible two-way entry



b) Reversible four-way entry



c) Non-reversible double-decked four-way entry

Figure 1 Name of each part of pallets

5 Types, classes and maximum loading mass

5.1 Types and symbols

The types and symbols of pallets shall be as given in Table 1.

Table 1 Types and symbols of pallets

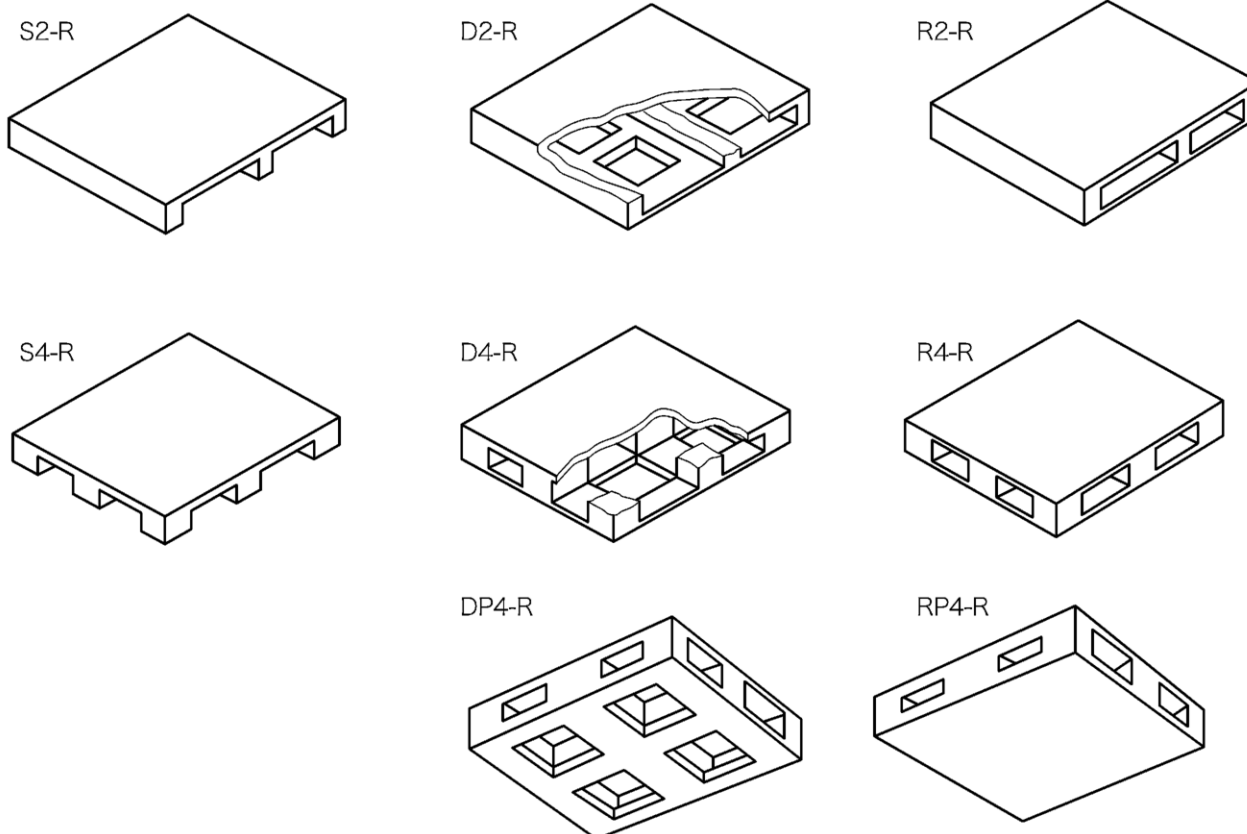
Type			Sym- bol	Clarification of type and symbol
Working surface	Single-decked		S	Deck board only on the upper side.
	Dou- ble- decked	Non-re- versible	D	Deck boards on the upper and lower sides, with load- ing surface on one side.
		Re- versible	R	Deck boards on the upper and lower sides, with load- ing surface on both sides.
Direc- tion of entries	Two-way		2	Entries in two parallel directions of pallet.
	Four-way		4	Entries in four directions of pallet: front, back, left and right.
	Partial four-way		P4	Four-way entry, but in the case of cargo handling by a pallet truck, etc. it restricts the fork entry to only two- way.

5.2 Classes and symbols

The classes and symbols of pallets, expressed by symbol of class and "-R", shall be as given in Table 2.

Table 2 Classes and symbols of pallets

Class	Symbol	Class	Symbol	Class	Symbol
Single-decked two-way entry	S2-R	Non-reversible double-decked two-way entry	D2-R	Reversible two-way entry	R2-R
Single-decked four-way entry	S4-R	Non-reversible double-decked four-way entry	D4-R	Reversible four-way entry	R4-R
—	—	Non-reversible double-decked partial four-way entry	DP4-R	Reversible partial four-way entry	RP4-R



5.3 Maximum loading mass

The maximum loading mass shall be 0.25 t, 0.5 t, 0.75 t and 1.0 t.

6 Quality

6.1 Appearance

Pallets shall be durable enough for repeated use and be free from unevenness, cam-