

PPP-P-1660A  
 INTERIM AMENDMENT 1 (GSA-FSS)  
March 18, 1975

. INTERIM AMENDMENT  
 TO  
 FEDERAL SPECIFICATION  
 PALLET, EXPENDABLE

This interim amendment was developed by the General Services Administration, Federal Supply Service, Washington, DC 20406, based upon currently available technical information. It is recommended that Federal agencies use it in procurement and forward recommendations for changes to the preparing activity at the address shown above.

The General Services Administration has authorized the use of this interim amendment as a valid exception to Federal Specification PPP-P-1660A, dated April 12, 1973.

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1.2.1 Under "Type I" delete "(508 kg.)" and substitute ("508.03 kg.)"

1.2.1 Add a new type as follows:

Type IA - 3/4 Ton\* (762.05 kg.) load capacity  
 Styles 1-7 (see table I).

Classes:

- A . 2-way entry (stringer type construction).
- B. 4-way entry (block post type construction).
- C 4-way entry (stringer type construction) .

Grades:

- 1 - (single-trip).
- 2 - (multi-trip).

Sizes - (see table II).

1.2.1 Under "Type II" delete "(1016 kg.) and substitute "(1016.06 kg.)".

1.2.1 Under "Type III" delete "(1524 kg." and substitute "(1524.09 kg.)".

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1.2.1 Under "Type IV" delete "(2032 kg.)" and substitute "(2032.12 kg.)".

1.2.1 Under "Type V" delete "(2540 kg.)" and substitute "(2540.15 kg.)".

Table I Under "style 2" delete "(see figs. 2, 4, and 16)" and substitute "(see figs. 2 and 16)".

Uncles "style 4" delete "(see figs. 5 and 11)" and substitute "(see fig. 5)".

Under "style S\* delete "(see figs. 5 and 11)" and substitute "(see fig. 11)".

Under "style 6" delete "(see figs. 5 and 6)" and substitute "(see fig. 11)".

Under "style 7" delete "(see figs. 12, 16, and 17)" and substitute "(see figs. 2, 16, and 17)".

Table II Under column headings delete "inches" and substitute "L X W in inches" then delete "millimeter" and substitute "L X W in millimeters".

Under column "Size" add a new size as follows:

Size	L X W in inches		L X W in millimeters	
M	48-5/8	X 48-5/8	1200-0	X 1200-0
	+0	+0	+19	+19

FSC 3990

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2.1 uncles "Military Standards" delete "MIL-STD-1731 - Quality of Wood Members for Container and Pallets".

3.1.2 First line after "furnished." add "(see 6.2) for examination and testing to prove, prior to starting production, that production methods will produce pallets that meet the requirements of this specification. Examination and tests shall be as specified in paragraph 3.5.

3.3.1 Line 1 delete, "and the length and width of the plan shall conform to the appropriate values given in paragraph 1.2" and substitute "from the sizes listed in table II.

3.3.1 Line 2 after "when" add "not".

3.3.1 Line 4 after "(see 6.2)" add "from the sizes listed in table II",

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3.4.3 Delete and substitute

3.4.3 Assembly. The top and bottom decks of a pallet shall be parallel ( $\pm 1^\circ$ ). The ends and sides shall form tight angles ( $90 \pm 1^\circ$ ). The joining of components shall be such that the assembled pallet shall meet the performance requirements of paragraph 3.5.

3.4.4 Delete and substitute

3.4.4 Material. Materials of components shall be of strength sufficient to meet or exceed the performance requirements of paragraph 3.5.

Table III Note 1/ line 5 delete "six" and substitute "twelve (12)".

4.1 Line 3 after "specified" add "(se. 6.2)".

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4.3.3 Line 1 after "conditions" add "(cold storage, high humidity ate.)".

4.3.3 Line 3 after "enough" add "(24 haurs minimum)".

Table IV Add 1 new defect as follows:

Examine	Defects	Classification	
		Major	Minor
Fasteners	Protruding		X

4.4.1.3 Line 2 after "pallet" add "as shown in figure 15".

Line 2 delete "width" and substitute "material", after "(50mm)" delete and substitute "wide".

Line 12 after "A3", add (caution see nots 1).

Add at the bottom of the page as follows:

"Note 1: As a softy measure the lifting mechanism should remain in plain to prevent the load from falling if the pallet fails but shall not support the lead during the test in 1 manner that will reduce R.

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4.4.2.1 Line 6 delete "5" and substitute "60".

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5.1 Delete and substitute as follows:

5.1 Packing: Packing shall be level A or C.

Add new paragraph 5.1.1 as follows:

5.1.1 Level A. Assembled pallets shall be secured into bundles not exceeding 20 pallets per bundle. Bundles shall be secured with steel strapping conforming to QQ-S-781, class k, type I or IV, finish B, grade 2, size and duty appropriate for weight of bundles.

Add new paragraph 5.1.2 as follows:

5.1.2 Level C. Assembled pallets shall be packed in a manner to insure commercial carrier acceptance and safe delivery at destination for lowest transportation rate for such supplies. Shipment shall be made in accordance with National Motor Freight classification Rules or Uniform Freight Classification Rules.

6.1 Delete entirely and substitute:

6.1 Intended use. Pallets covered by this specification are intended for use in palletization of such commodities as bags, bales, barrels, boxes, cartons, cases, drums, and kegs or commodities packaged or packed in these containers. When these packaged or packed commodities are handled by handlift or forklift trucks in general materials handling operations for storage and distribution systems.

6.2 Delete "(f) when entry shall be in other than long side (see 3.4.3)".

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Figures M and 16 delete and substitute new figures.

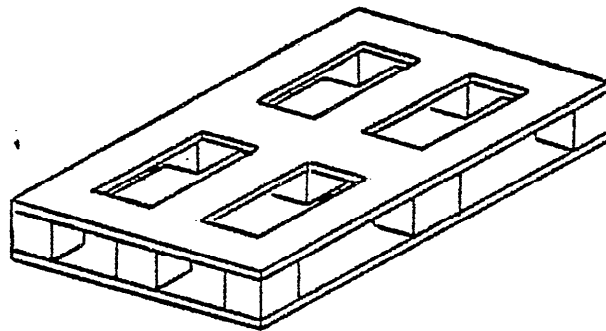
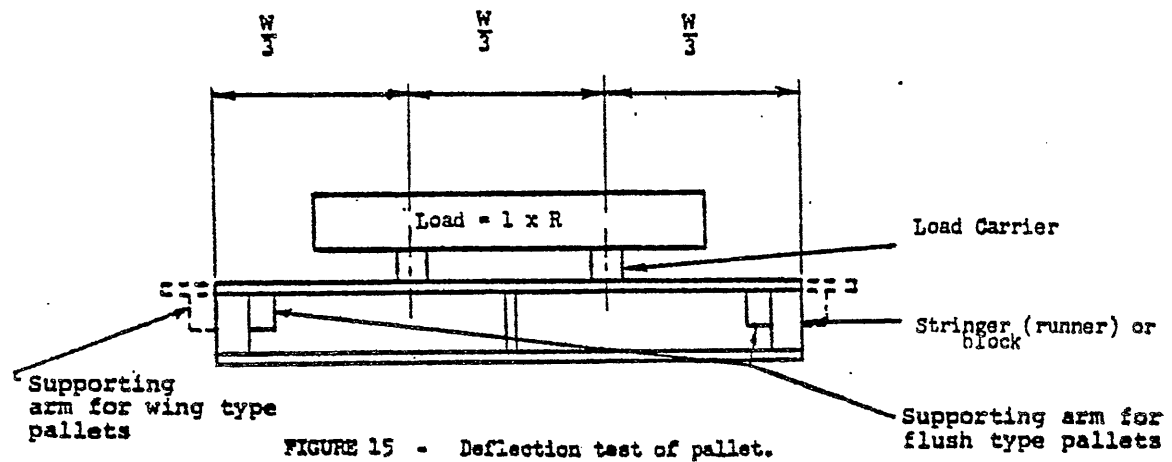


FIGURE 16 - Openings.

Gaps provided in the bottom deck of a double-deck pallet to allow the wheels of a hand pallet truck to bear on the floor ( see fig. 17).