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1 SCOPE

Due to growing globalization, it is necessary to use expendable packaging with standardized specification (dimension, quality, design), optimized regarding the whole material flow within the complete supply chain, e.g. dimension of the overseas container.

This norm is an extract of a specification we worked out together with the VDA 4525 (German association of automotive industry) with car manufacturers and 1Tier suppliers worldwide.

This norm is valid for all Continental Automotive Division, plants, BUs.

2 REFERENCES

- TST N 098 00.01 000 Packaging - Definition, Process, Requirements
- TST N 098 05.01 001 Expendable Packaging (formerly Appendix A04)
- VDA 4525 Standardized expendable packaging for sea container applications
- VDA 4525, App. 1 and 2 Standardized expendable packaging for sea container applications - Annex_A1-4-system-elements
- EN ISO 8611-1 Pallets for materials handling - Flat pallets / Paletten für den Gütertransport – Flachpaletten
- ISPM No. 15 / IPPC International Standard for Phytosanitary Measures - – Regulation of wood packaging material in international trade / International Plant Protection Convention (official web-side: IPPC)
3 SPECIFICATION

Expendable 4-way flat block wood pallet

Designation CA part-no
Pallet LT 1108 98-4525-0108-0-00 pallet EX wood 4W 1140x790 IPPC
Pallet LT 1110 98-4525-0110-0-00 pallet EX wood 4W 1140x980 IPPC

<table>
<thead>
<tr>
<th>LT-Typ</th>
<th>Module Code</th>
<th>System element</th>
<th>Nominal dimension [mm]</th>
<th>External dimension [mm]</th>
<th>Load capacity</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>l</td>
<td>w</td>
<td>h</td>
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<td>Pallet</td>
<td></td>
<td></td>
<td>1.140</td>
<td>790</td>
<td>140</td>
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<td>LT-1108</td>
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<td>Expendable flat pallet 1.140”x790</td>
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<tr>
<td>LT-1110</td>
<td></td>
<td>Expendable flat pallet 1.140”x980</td>
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</tbody>
</table>

¹) with surface loading (if evenly loaded)! Suitable for high rack storage
²) with surface loading (if evenly loaded)!

The requirements are:

Material:
- Solid wood
- Required max. loading capacity has to be achieved.
- The import- and export-regulations of the involved countries have to be considered (IPPC, ISPM No. 15).

Design:
- Four-way-free-entry block-pallet, with three skids, min. width of skids 90mm
- Usage of a „Full Perimeter Pallet“ has to be agreed by the receiving plant, because these pallets cannot be handled with a manual pallet jack.
- Usage of moulded presswood pallets is not acceptable.

Load capacity:
- Capacity min. 500kg per pallet, if evenly loaded
- Capacity statically stacked min. 2000kg per pallet, if evenly loaded
- Suitable for storage in a high rack min. 500kg

Tests:
- Tests of pallets have to be done according to EN ISO 8611-1.
- For tests of stiffness a safety factor of 2 has to be met.
3.1 Technical Details and Drawing of Pallet LT1108

**Technical Details**

- **Dimensions:**
  - Height: 90 mm
  - Length: 1140 mm
  - Width: 790 mm

- **Weight:**
  - Nominal weight: 800 kg
  - Min. weight: 680 kg

- **Material:**
  - Type: Wood
  - Class: NL-1101

- **Marking:**
  - Number: 098 02.01
  - Class: 101
  - Date: 2014-09-29

**Drawing Notes:**

- The drawing shows the dimensions and components of the pallet LT1108, including the various parts and their measurements.

**Legend:**

- The legend provides a key to the symbols and measurements used in the drawing, ensuring clarity and understanding of the technical details.
3.2 Technical Details and Drawing of Pallet LT1110