

Plastic Display Pallet User Guide

A guide to the safe use and
handling of the D-Pallet

CHEP

A Brambles Company



The Display Pallet (D-Pallet) is manufactured to a design and specification that meets the operational requirements of retail supply chains. Used correctly, and in accordance with safe and responsible work practices, the D-Pallet provides an efficient materials handling platform.

Descriptions and procedures provided in this document assume an existing level of competency in general materials handling. It is assumed that the user has current certification in the operation of Materials Handling Equipment and is familiar with the product and safe loading procedures.

Features

The D-Pallet is a four way entry, injection moulded plastic pallet used for the distribution and display of fast moving consumer goods.

The four way entry design facilitates handling by a variety of materials handling equipment including forklifts, pallet movers and hand operated pallet jacks.

The D-Pallet is made from non-absorbent Polypropylene (PP) resin. For hygiene, durability and resistance to most known chemicals, 100% virgin resin is used.

The D-Pallet is designed to stack positively inter-locked when empty by means of top deck location points that interface with runner and foot locations of D-Pallets positioned above.

The CHEP D-Pallet range currently consists of two brands, both types function equally and have been designed to perform to the same specification.

The two brands of D-Pallet do not interlock with each other and users must ensure that empty D-Pallets are segregated when stacking for any movement, storage or transportation.

Stacks of D-Pallets should only ever contain D-Pallets that interlock. Attempting to move or transport D-Pallets that are not interlocked properly can result in stacks slipping.

The two brands of D-Pallet are:

1. Poly brand:

- + Scallops in the short base runners
- + Lighter grey in colour
- + Hand grips in top deck
- + Pictured in Figure 1

2. Ozkor brand:

- + Smooth runners
- + Darker grey in colour
- + Two top deck designs, pictured in Figure 2

Figure 1

This D-Pallet should be segregated and stacked only with the same type. Do not stack with any other types of D-Pallets.

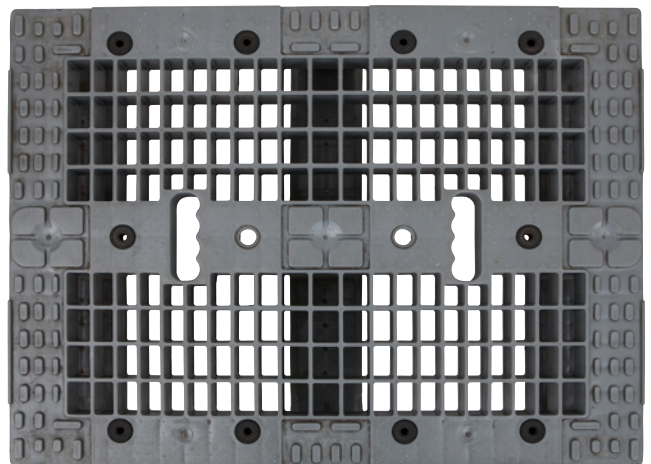
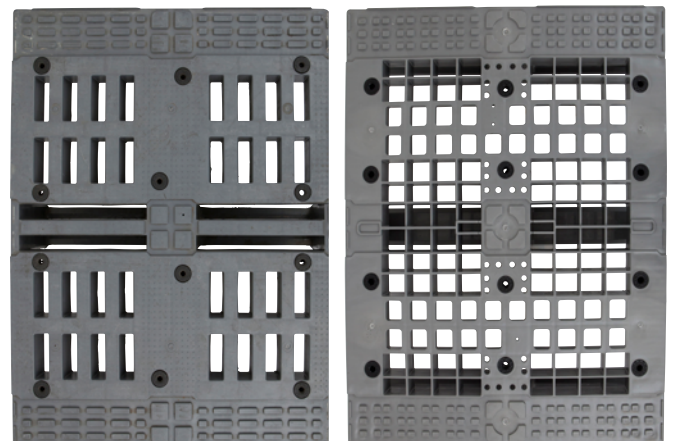


Figure 2

Two of these D-Pallets have different top deck designs. However, they will interlock and can be stacked together.



Users of the CHEP D-Pallet must observe the following safety precautions and safe handling practices:

- + Only trained and authorised personnel are to handle the D-Pallet
- + Be careful if stepping onto an empty D-Pallet on shiny or smooth wet surfaces. Plastic D-Pallets may cause a slip hazard
- + People with a history of back problems should not attempt to lift D-Pallets by hand
- + Always inspect D-Pallets before use, do not use damaged D-Pallets

Where possible, D-Pallets should be stored in a dry, clean warehouse environment.

Do not store in freezers or temperatures below -10°C . The risk of impact damage can be severely increased and this has the potential to cause damage and operational hazards.

Important Note

- + The usage and safety information provided in this document are based on advice from the manufacturer regarding specifications and recommended practices. Additional usage guidelines may be needed depending on the way in which pallets are being used
- + Due care should be taken to follow the instructions as improper use, misuse or abuse could lead to deterioration or failure of the Plastic D-Pallets and/or create occupational health and safety issues
- + Any damage caused to the Plastic D-Pallets which is not considered to be the result of fair wear and tear is the responsibility of the hirer or user. Hirers are referred to in this regard within the Terms of Hire issued by CHEP
- + It is at all times the responsibility of the user to ensure that stacks are segregated by type when stacked empty and that the legs are securely interlocked
- + The manufacturer of the Plastic D-Pallet and CHEP do not accept responsibility for damage to product, the D-Pallet or injury to person/s if the D-Pallet has been unsafely or improperly loaded or stacked during transit or storage
- + Nothing in these Handling Instructions varies or modifies the Terms of Hire, which apply to the Plastic D-Pallets

To safely handle D-Pallets with a forklift, please follow these recommended practices:

- + Approach the D-Pallets straight on and not at an angle that will damage the D-Pallet legs with fork tynes (see Figure 3)
- + Always approach the D-Pallet slowly and with care, to avoid impact damage to the D-Pallet leading edge
- + When using electric pallet movers to pick up multiple D-Pallets, ensure the D-Pallets are aligned correctly to avoid damage to the D-Pallet legs (see Figure 4)
- + Do not short fork D-Pallets. Serious injury and damage may occur if tynes are not inserted sufficiently into the D-Pallet to support its weight correctly
- + All loading and unloading is to be carried out on a flat hard surface
- + Only use forklift tynes in the approved manner. Do not "shunt" D-Pallets by pushing with fork tynes on the outside top deck side or legs
- + When moving stacks at heights greater than 10 high or whenever forwards visibility is reduced, ensure travel occurs in reverse for optimal visibility
- + When lifting loaded or multiple empty pallets, tilt back forklift mast before driving in reverse
- + Plastic D-Pallets can slip on steel tynes and may cause injury or damage if brakes are applied quickly

Figure 3

Approach the pallet straight and slowly

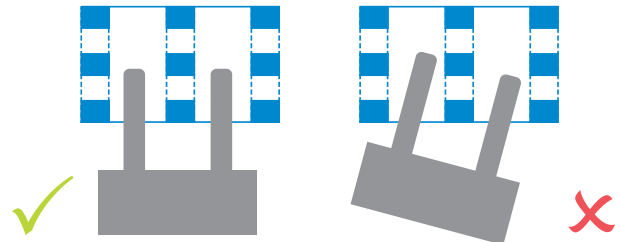
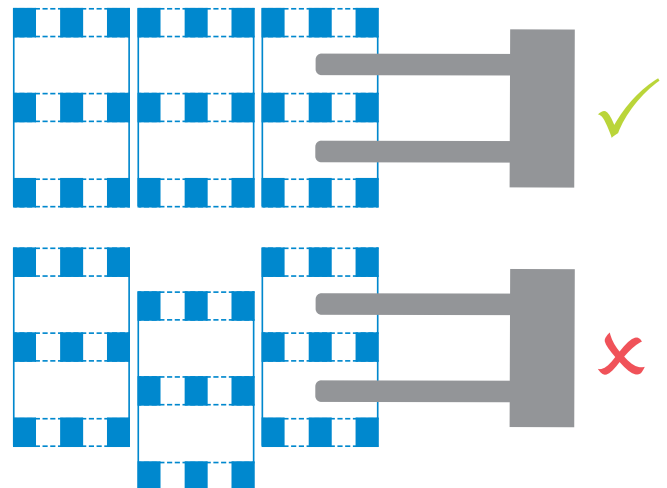


Figure 4

Align pallets before picking up in multiples



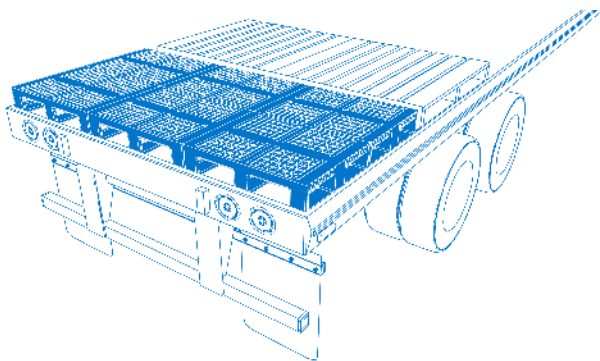
Always drive slowly towards D-Pallet rows and align them before lifting

The D-Pallet can be configured for transport in two ways:

- + Three D-Pallets in landscape orientation across the truck span, or
- + Four D-Pallets in portrait orientation

Figure 5

Six D-Pallets in landscape configuration compared alongside standard pallets and loaded in transit



To safely transport D-Pallets, please follow these recommended practices:

- + Ensure stacked D-Pallets are secured with plastic wrapping as well as strapping prior to loading onto transport vehicles such as semi-trailer or taut-liner vehicles
- + D-Pallet stacks that are not wrapped and/or strapped could present a safety hazard during transportation and may also breach heavy vehicle legislation
- + To ensure compliance with legislated load restraint requirements, as a minimum each row of D-Pallet stacked along a truck deck should be tied down using a suitably pre-tensioned webbing strap that runs up and over the load
- + When strapping D-Pallets along the truck deck, care should be taken to avoid excessive strapping pressure to prevent pallet damage or distortion

Loading and stacking

Safe working load per pallet:	500kg
Loaded pallets (floor):	2 high
Empty pallets (floor):	16 high
Transport maximum stack height*:	16 high

- + The D-Pallet is **not** suitable to be racked in standard Australian racking configurations
- + Do not exceed the maximum load
- + If required, the D-Pallet can be block stacked to a maximum of two unit loads high subject to an assessment of load stability and Safe Working Loads (SWL) restrictions on the bottom D-Pallet
- + When stacking empty pallets on top of each other, always ensure that the 'legs' are securely located on the stacking features of the D-Pallet top deck below

*Assumes load has been restrained in a compliant manner to prevent load shift in all directions as per National Heavy Vehicle Regulations