

The very first comprehensive bespoke netting solution offering the best risk reduction system available on the market today without imposing unacceptable horizontal loads on the pallet racking structure.

BACKGROUND

The Working at Height Regulations require employers to take steps to prevent people being injured by falling objects, and identifies the following as common causes of objects falling within the warehouse environment:

- Goods disturbed from a congested shelf.
- Goods pushed through the back of a racking location due to carelessly positioned stock or excessive stock levels.
- Goods falling from pallets during handling on a fork-lift truck.

The HSE Guide to Warehousing and Storage specifically advises that employers should take steps to prevent people being injured by falling objects.

Warehouse Partners recognise this requirement, and have developed a range of safety net solutions which can be economically and easily installed to most types of APR to protect individuals from falling items up to and including a loaded 1000kg pallet when used in conjunction with a suitable Safe System of Work.

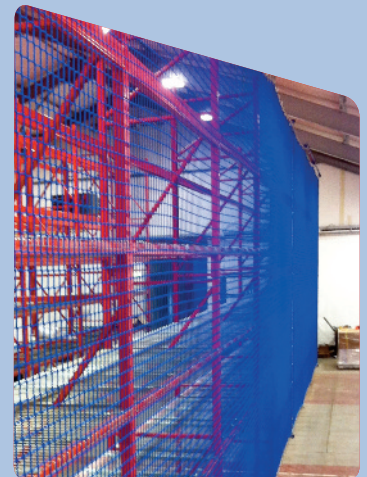
TYPES OF INCIDENT

Working closely with our trade partners, Warehouse Partners have identified two distinct hazards when working with APR; fall-through and fall-out.

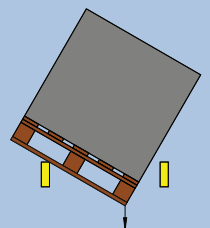
Fall-through occurs when a pallet is incorrectly loaded onto APR without any deck or other means of pallet support. This could be due to operator error, or by using an inappropriately sized pallet.

In this case the pallet falls into the bay between the beams, and usually results in the pallet and load coming to rest on the materials stored on lower levels, or goods scattering and falling outside the confines of the racking.

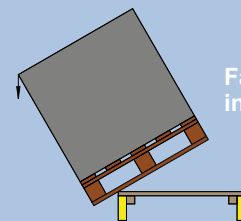
Fall-out occurs when a pallet falls from the rear of a single-sided APR run, often into a pedestrian or pick aisle. This is often due to operator error, e.g. when a second pallet is loaded into a full location and in particular, where a pallet support system (such as steel mesh, timber decks or pallet support bars) is being utilised.



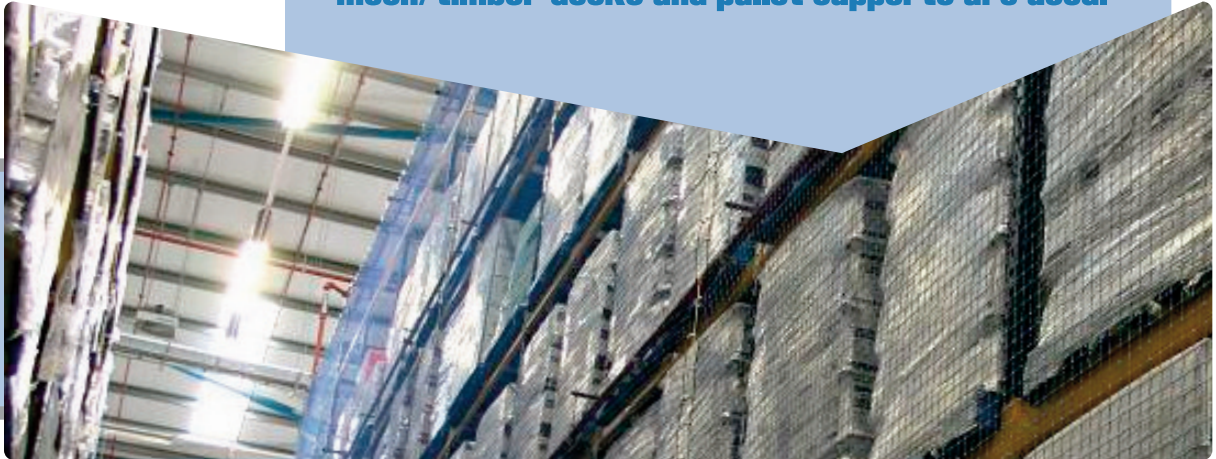
Fall-through incident



Fall-out incident



The potential for a pallet to fall out of racking is increased when a pallet support system such as mesh/timber decks and pallet supports are used.



OUR SOLUTION – RackNets™

Warehouse Partners offer three systems, a comprehensive range of bespoke back-of-rack netting solutions offering the best risk reduction system available on the market today without imposing unacceptable horizontal loads on the pallet racking structure.

The most appropriate solution should be selected following a Risk Assessment, in particular where a hazard of “objects falling from height” has been identified, and should always be used as part of a Safe System of Work.

RackNets™ 2.3

RackNets™ 2.3 has been developed by Warehouse Partners to offer warehouse users an effective alternative to traditional steel mesh solutions.

Installed to contain stock (up to 50kg) falling from the rear of APR, RackNets™ 2.3 uses the same design principles as RackNets™ 3.0 and RackNets™ 5.0.

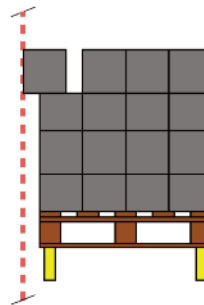
RackNets™ 3.0

RackNets™ 3.0 has been developed by Warehouse Partners to offer warehouse users flexible and robust risk reduction for objects, including pallets up to 1000kg falling from Pallet Racking.

RackNets™ 5.0

Offering the same design features as RackNets 3.0, RackNets™ 5.0 has been developed by Warehouse Partners for applications where an enhanced level of protection is required.

2.3, 3.0 or 5.0 Back-of-Rack RackNets™



RackNets™ In-Flue Netting

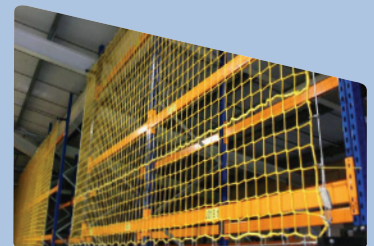
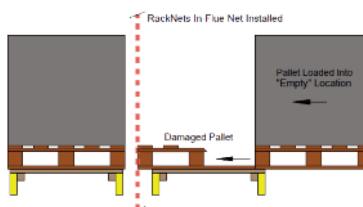
Warehouse Partners have identified that in many warehouses there is a significant risk of stock or loaded pallets being pushed through from one aisle into an adjacent aisle.

RackNets™ In-Flue nets can be specified as 2.3, 3.0 and 5.0 systems, depending on the application and level of risk identified in the warehouse Risk Assessment.

Due to the range of loading weights and pallet dimensions in use, it is not possible for any solution to contain or restrain all pallets/objects that are subject to the most severe mishandling.

For any system fitted to the rear of APR, there is a fundamental trade-off between the extent of fall protection and object containment that can be provided and the loads imposed on the racking structure.

In-Flue RackNets™



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