

RackNets™ 5.0

SAFETY NET SYSTEM

Working closely with our customers, Warehouse Partners have identified a requirement for an enhanced level of protection in certain circumstances. This includes systems using mesh/timber decks, or other methods of support, where evidence suggests there is a significantly higher than normal risk of pallets falling due to FLT operator error – fall-out, not fall-through.

For applications protecting pick-aisles and areas with significant pedestrian occupancy and where a pallet support system, (such as steel mesh, timber decking or pallet support bars) is used to support the pallet Warehouse Partners recommend installing **RackNets™ 5.0**.

Using the same design principles as **RackNets™ 2.3** and **RackNets™ 3.0**, the net (and, to a degree, the cable) has inherent elasticity, meaning the force of any impact is distributed throughout the system. This reduces localised loading on the racking structure which in turn greatly reduces the likelihood of any component failure leading to collapse.

In real terms, this means that, unlike other solutions, the component parts do not have to detach from the racking causing secondary hazards, and the net is able to retain the product without significant damage to the racking structure, components or stock.

Due to the range of loading weights and pallet dimensions in use, it is not possible to contain or retain 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.

It is important that any solution is used in conjunction with a suitable Safe System of Work at all times.

RackNets™ 5.0 uses a 45 x 45 x 5mm polypropylene mesh, supported by the award-winning Gripple® Cable system and secured to the racking uprights through universally fitting steel brackets.

All Gripple® cables are easy to install, load-rated and tested. The unique Gripple® locking device is easy to fit and adjust, and is supplied with the necessary locking key and adjustment tool as part of the kit.

The net itself is highly resistant to damage and due to its lightweight construction does not place a significant load on the racking structure.

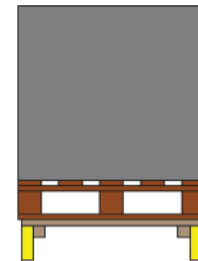
Polypropylene mesh will not rust or rot, and is highly chemical resistant. The individual nets can be easily removed to allow access to the racking structure, if required, for adjustment, cleaning, repair etc.

Compatible with most common racking types, **RackNets™ 5.0** is available with stand-off dimensions of 100, 150, 200 and 250mm as standard.

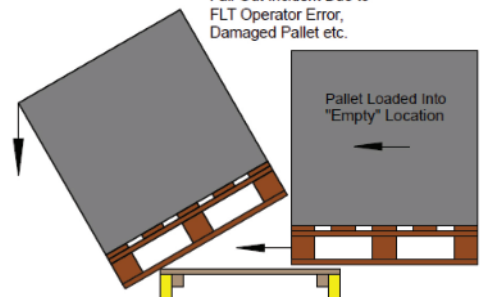
Special brackets for specific applications and other stand-off dimensions are available on request.

With all nets manufactured to size for each specific order, there is no cutting or modification on site and, like the rest of the RackNets™ range of products, **RackNets™ 5.0** is easily installed without the need for special tools or modification to the racking structure.

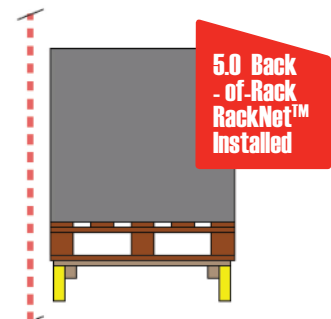
Pallet Positioned on APR With Deck



Fall-Out Incident Due to FLT Operator Error, Damaged Pallet etc.



Pallet Loaded Into "Empty" Location



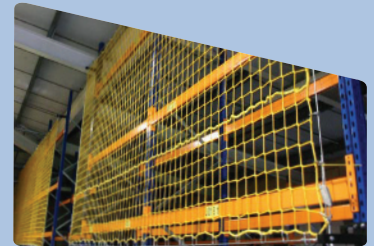
**5.0 Back
- of-Rack
RackNet™
Installed**

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.



RackNets™ 2.3, 3.0 and 5.0 is the very first 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.

- Creates a safer working environment for your staff when used as part of a suitable Safe System of Work.
- Available in various sizes and strengths.
- RackNets™ are strong and lightweight.
- Easy to install – can be 2/3 times quicker than steel mesh.
- Made to measure so no cutting down or edge working on site.
- Available in a variety of colours.
- RackNets™ will not dent or corrode like steel mesh.
- Lifetime cost of ownership is significantly reduced.
- Net can be removed and cleaned if required.
- RackNets™ are flexible and not of a rigid construction.
- Retrieval of goods/pallets made safer and easier.
- Designed to contain loads up to 1000kg within the net envelope.
- Easy removal of net enables beams to be adjusted and rack repairs to be carried out quickly.



Call Us
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