

# RackNets™

## SAFETY NETTING RANGE

### Acorn Storage maximises racking safety for The Body Shop

Specialist pallet racking supplier and installer, Acorn Storage, provides Warehouse Partners' solution to successfully increase safety at The Body Shop's West Sussex distribution centre.

#### PROBLEM

Following an incident of a pallet falling from height, international beauty brand The Body Shop carried out stringent health and safety assessments in January 2016 of one of its warehouses, based in Littlehampton, West Sussex.

Horizontal meshing installed on the racking in 2014 within the wider aisles allowed for the storage of smaller 800mm Euro pallets alongside larger standard sized pallets. The size difference between the Euro pallets and the larger 900mm frame width of the racking meant the space available was unsuitable.

A Route Cause Analysis investigation found that the horizontal meshing had acted as a sliding board for any pallets that were lifted onto the shelving.

*"This identified the possibility of pallet fall-through from 10 metre-high racking and this constituted a potential serious injury risk to operators working at ground level in the wide aisles,"* explained Caleb Howard, senior sales engineer at Acorn Storage.

#### SOLUTION

Acorn Storage Equipment Ltd is a supplier and installer of pallet racking and shelving. It approached warehouse safety products supplier Warehouse Partners to provide a suitable solution that would reduce the potential number of pallet fall-through incidents.

The recommended RackNets™ 3.0 system is designed to contain a load up to 1000kg, and will successfully contain the fall-out of pallets from racking. Extension of the warehouse racking uprights and the addition of bracing members allowed the net to extend beyond the top pallet, maximising the safety benefits.

Following successful installation, no other health and safety pallet racking incidents have occurred.



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™

We offer four systems, each designed to fulfil slightly different end-user requirements, but sharing the same fundamental design concept and installation method.

### RackNets™ 2.3 Spillage Netting

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

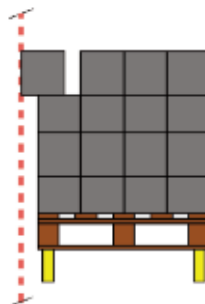
Installed to contain stock (up to 50kg) falling from the rear of APR, RackNets™ 2.3 uses the same design principles as RackNets™ 3.0 and RackNets™ 5.0.

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

### RackNets™ 3.0 Containment Netting

RackNets™ 3.0 has been developed by us to offer warehouse users an enhanced level of protection for the majority of racking applications where there is a risk of damage or injury caused by pallets falling from racking systems.

Installed to contain pallets and loads of up to 1000kg falling from the rear of APR, RackNets™ 3.0 uses the same design principles as RackNets™ 2.3 and RackNets™ 5.0.



### RackNets™ 5.0 Restraint Netting

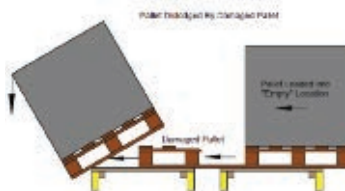
Working closely with our customers, we have identified a requirement for an enhanced level of protection in certain circumstances.

Offering the same design features as RackNets 3.0, this system will both contain and restrain a dislodged pallet or load of up to 1000kg, drastically reducing the likelihood of injury or damage to property.

### RackNets™ In-Flue Netting

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.



**Call Us**  
**01925 715761**