

# RackNets™

## IN-FLUE RACK SAFETY NET

**Warehouse Partners have identified that in many warehouses there is a significant risk of 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.

Typically, where there is a risk of components or boxes (up to 50kg) falling from one side of a double-run of racking through to the adjacent aisle, with a potential to cause injury to personnel or damage to property, the In-Flue net would have an equivalent specification to **RackNets™ 2.3**.

This can be installed during the racking build, or retrospectively, and can be designed to accommodate sprinkler systems and other services running through the flue. Typically installations can be carried out without the need to fully unload the racking, as access is only required through one face.

In many warehouses, particularly those which do not operate man-up trucks and those using a pallet support system, (such as steel mesh or timber decking) there is a potential for pallets or other items to be pushed through the flue, dislodging pallets stored on the other side of the run.

This will clearly represent a serious risk to warehouse staff as there may be no indication or warning that a pallet may be pushed out. Other relevant factors include pallets with a variable quality or size, and the level of operator competence and experience.

In these situations, Warehouse Partners recommend that a **RackNets™ In-Flue** net designed to either **RackNets™ 3.0** or **RackNets™ 5.0** specification is installed.

Installed with the APR, or retro-fitted to existing installations, these systems will significantly reduce the likelihood of pallets or other objects being pushed through into the other side of the racking run.

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.

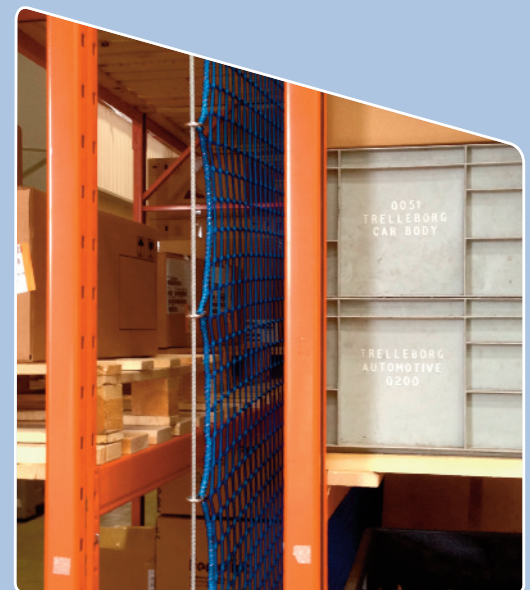
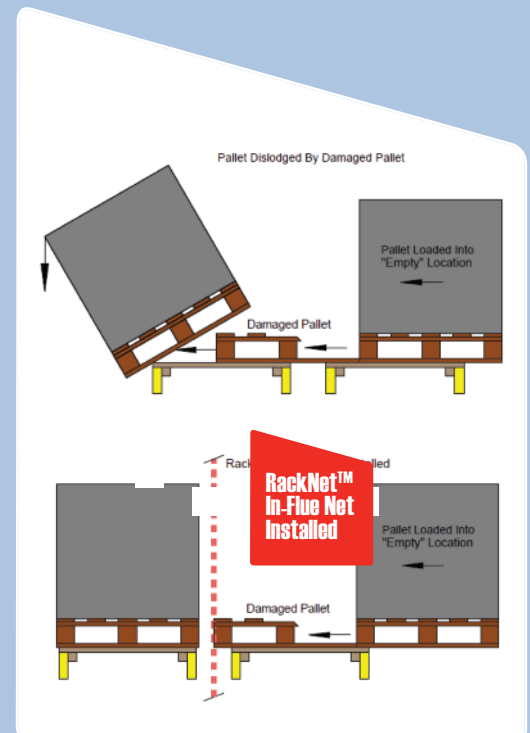
It is important that any solution is used in conjunction with a suitable Safe System of Work at all times.

Like the other **RackNets™ In-Flue** uses an appropriately specified (2.3, 3.0 or 5.0mm cord) polypropylene mesh, supported by the award-winning Gripple® Cable system and secured to the racking uprights through universally fitting steel brackets, or modified row-spacers.

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 net panels can be easily removed to allow access to the racking structure if required for adjustment, cleaning, repair etc.

With all **RackNets™** 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™ In-Flue** is easily installed without the need for special tools or modification to the racking structure.





“Our vision is to be the supplier of choice for warehouse and industrial identification, safety systems and associated products, offering clients a quality-driven, total solution via multi-channel procurement methods.”

Tony Gresty  
Managing Director – Warehouse Partners



# Labelling and Safety Solutions to reduce time and costs

## Products available:

- Location labels, aisle markers and identification products
- RackNets™ safety netting and other safety netting products
- Warehouse safety products including safety signs right through to floor and line marking solutions
- Label holders to provide a range of ID solutions for shelving
- Load notice signs (SEMA signs)
- Machine guarding
- Mesh partitioning and security fencing



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