



RackGuard Pallet Rack Safety Netting Case Study

Features and Benefits

- Protects workstations & traffic areas from falling boxes & parts
- Reduces inventory loss/damage by preventing falls off storage racks or between back-to-back racks
- Easy to install and clean
- Wont' sag or stretch

Industry Group: ProGMA



THE OPPORTUNITY:

For some people, job safety is one of those back-of-the-mind things; for others it is a way of life. Imagine a tragic accident in which a forklift retrieving a pallet from a high shelf inadvertently dislodges the pallet on the shelf behind it. The unseen pallet falls from its shelf and strikes a worker in the adjacent aisle.

The safety manager at major cosmetics manufacturer was compelled to address this storage safety issue after a tragic accident at a nearby automotive distribution facility.

THE SOLUTION:

The real key to preventing tragedies like this was to make the warehouse environment as safe as possible. The client ultimately selected a system to protect both people and products by combining pallet rack safety netting with a pallet stop system. The steel stops prevented pallets from being pushed off the shelf while the plastic netting ensured that loose items couldn't fall into aisles or into flue areas between racks.

Pallet stops were off-set three inches behind shelves, giving a conventional 48-inch pallet room to balance evenly on standard 42-inch shelves. Plastic netting was then attached to the pallet stops creating a vertical "wall" to contain loose parts and

boxes. Nylon zip-tie connectors, stabilized against degradation from ultraviolet light, were used to secure the netting to the pallet stops and help distribute loads evenly.

The client's facility was focused on production, not just distribution so the warehouse configuration often changes to accommodate production requirements. Netting can be easily repaired, removed or repositioned using shears and additional zip-ties.



RackGuard pallet rack safety netting (more accurately described as Vertical Warehouse Containment Netting) is an engineered thermoplastic net (or grid) made from high performance polymers which produce high tensile strength and dimensionally stable meshes necessary to prevent warehoused goods from falling.

RackGuard pallet rack safety netting is extruded from polypropylene resin, stabilized against degradation from ultraviolet light. The integral joint structure of the extruded grid is designed to eliminate sag and hold its shape -- and the smooth surface of the polypropylene netting lends itself to easy cleaning.



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