Installation of RackGuard Pallet Rack Safety Netting Off-Set From Cross Beams Using Eye-Bolts

Features and Benefits

- Simple, self-installation using off-the-shelf eye-bolts and cables
- Prevents pallets from pushing against safety netting system when pallets overlap storage rack cross beams
- Protects workstations, flues, and traffic areas from falling boxes and parts
- Works on virtually any pallet rack system

Industry Group: ProGMA

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Standard Eye-Bolts Offset Netting from Rack Beams

The Opportunity:

A southern Minnesota factory and distribution center needed to prevent loose boxes from falling off the back of storage racks into walkways, work areas and tunnels. They chose RackGuard Plastic Safety Netting from Industrial Netting for this application. That netting needed to be attached using some kind of off-set to allow pallets to overlap the storage rack beams without pushing out against the netting containment system.

The Solution:

The Facilities Manager used off-the-shelf eye-bolts and wire cabling to create a simple off-set system. Eye-bolts were bolted to the holes in the rack uprights. Wire cabling was threaded through the eye-bolts to create a perimeter around each bay, off-set approximately 4-1/2" from the rack beams. Cable ties were used to attach the plastic netting to the perimeter system.

The simplicity of this installation enabled the facilities manager to use internal labor and create an installation schedule that minimized disruption in his facility. He offers these simple guidelines.

Installation Steps:

- Install eye-bolts through the holes in the uprights of the racking system. This installation used 6-inch eye-bolts to provide a 4-1/2-inch offset from the Rack.
- String cabling or wire rope (1/4-inch used in this installation) through the eye-bolt openings. Secure but *do not* tension that cabling. The wire rope in this illustration was strung along the perimeter of the pallet racks and at pallet level.
- Finally, attach RackGuard Safety Netting to the wire rope with cable-ties.

  NOTE: For maximum service life, use cable-ties that are tensile strength rated and stabilized against ultraviolet degradation.

A successful self-installation