



PROMAT®

2015

McCormick Place South | Chicago

March 23-26, 2015

promatshow.com

Protect Your People... And Your Wallet: *Safety and Guarding Solutions for the Industrial Facility*

Sponsored by:



Presented by:

David Brentz, Industrial Netting

Chad Draxler, Steel King

Eddie Murphy, SpaceGuard Products

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S E Q U E N C E I V Q N V E R P R
E V E R E P H T R S M A T E R I A
A S S E L A P U L W E S W D R A W S

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Gravity Never Takes A Day Off...



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The Protective Guarding Manufacturer's Association is an Industry Group working to establish solutions and standards for Guarding in the Material Handling Industry.



Facts To Consider

- Falls-to-Lower-Level: 2nd Highest Cause For Workplace Fatalities. **Over \$5-Billion/Year**
- Forklifts: Nearly **100 Fatalities** & Additional 20,000 Serious Injuries/Year
- Struck-By-Object: Nearly **50,000 Injuries/Year** from contact w/ Parts, Materials & Machinery

*Source: OSHA, BLS (U.S. statistics only)

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Presentation Goal:

- Protecting People
- Protecting Product
- Protecting Facilities



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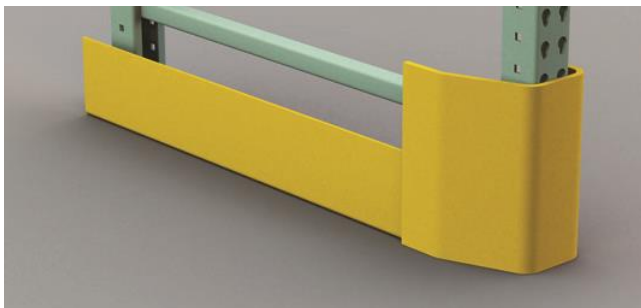


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Protecting Rack & Shelving



End of Row Guards and Guard Rail

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Guard Rail for Shelving

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Structural Angle Guarding

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Protecting Walkways Adjacent to Racking



Wire Mesh Guarding

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Protecting Work Areas Adjacent to Racking



Wire Mesh Guarding

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Or Unprotected Can Lead To...

- Serious Safety Incident
- Costly Damage to Product



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Containment of Product on Rack & Shelving



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Pallet Stops

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Netting or Guarding Off-Set

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Flexible Safety Netting

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Extruded Plastic Netting

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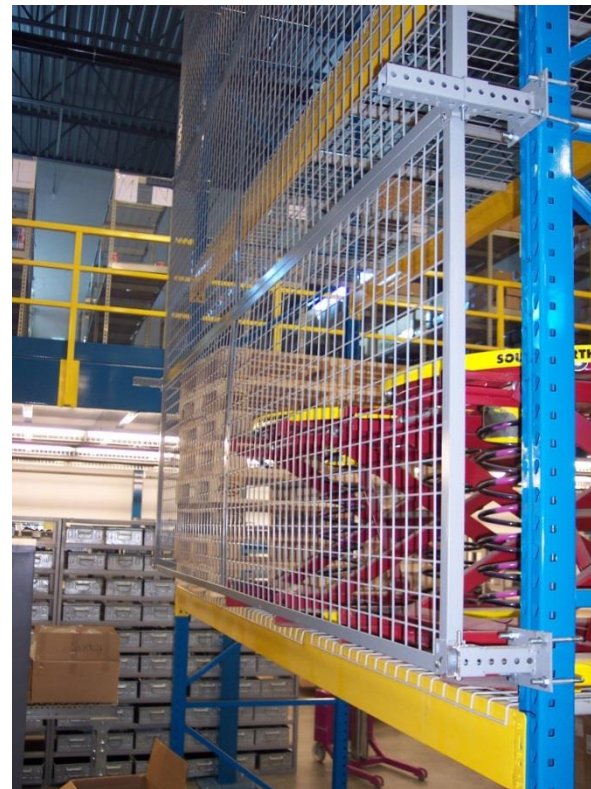


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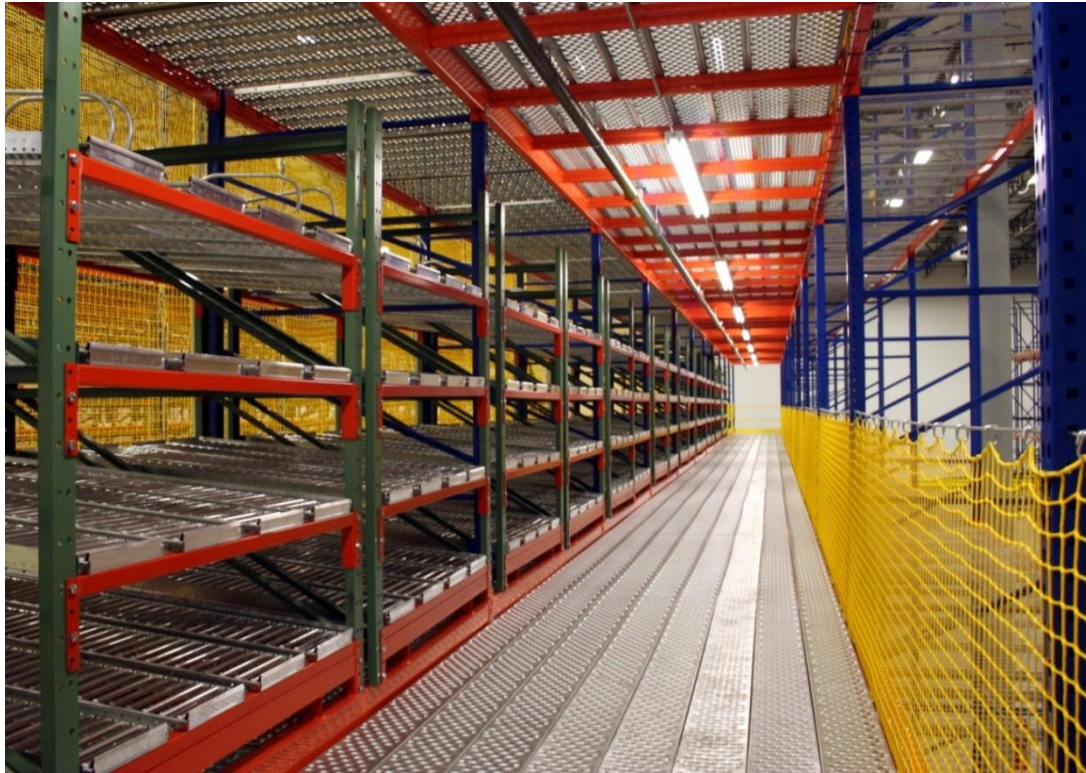
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Containment of Product on Pick Modules



Safety Netting

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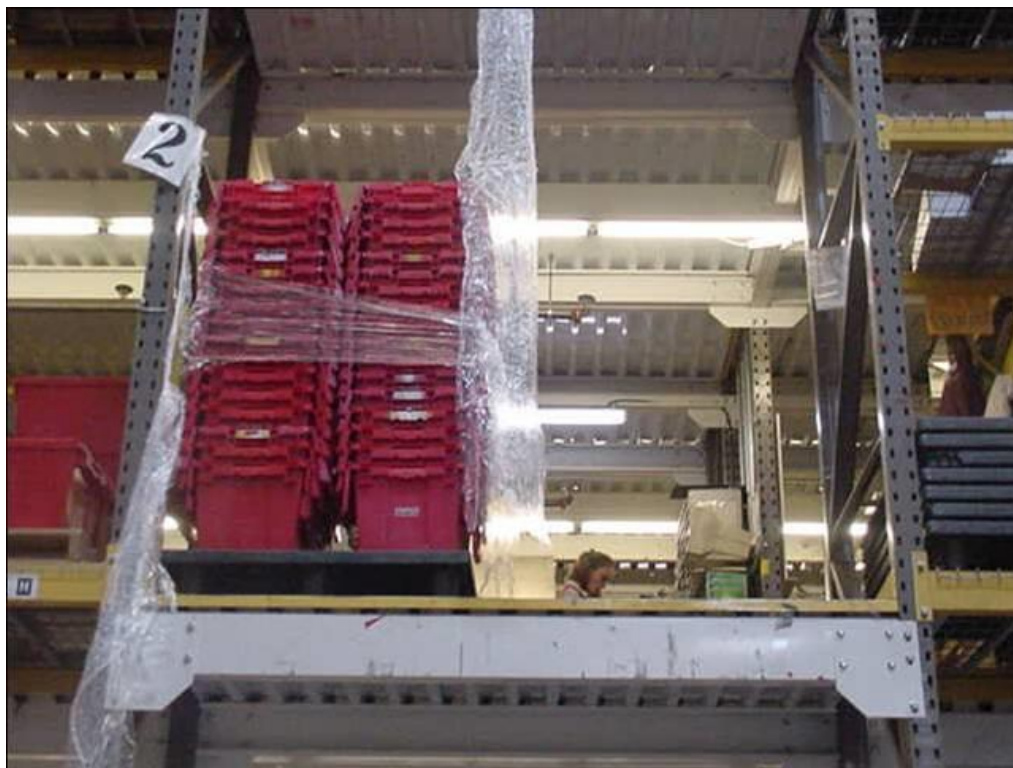


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Inadequate Guarding On Pick Modules



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Protecting Workers On Pick Modules



Rack Supported Safety Gates

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Protecting People Below Pick Modules



Self-Closing Pallet Rack Gates

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Insufficient Guarding for a Pallet Drop Area



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Inadequate Guarding for a Pallet Drop Area



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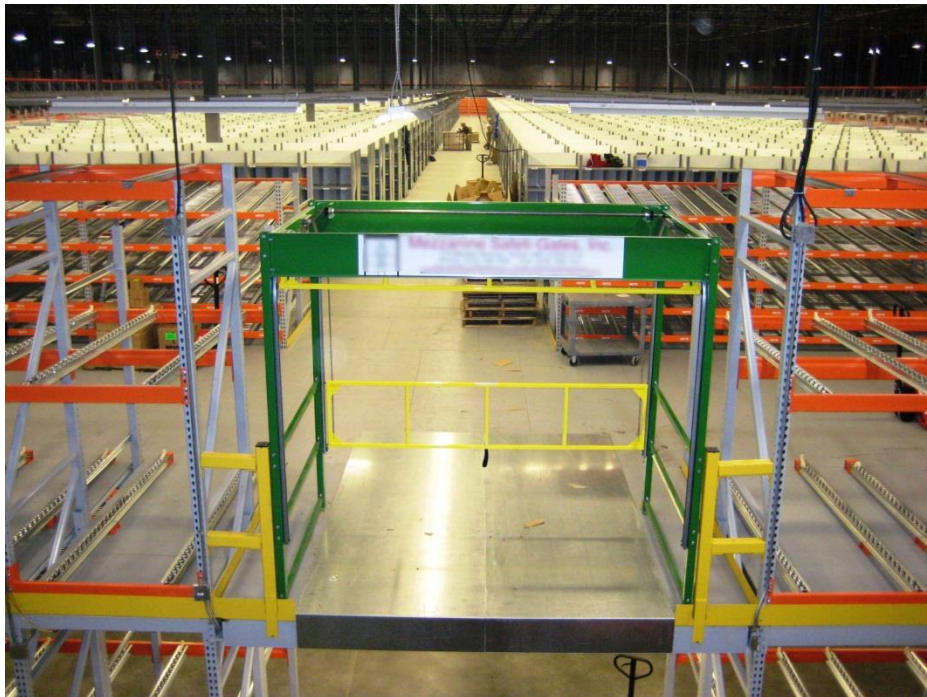


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Protecting People On Elevated Work Platforms



Pallet Drop Gates

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Damage to Pick Modules



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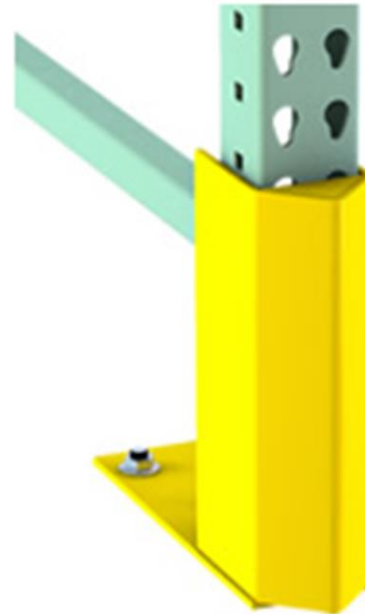
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Protecting Pick Modules & Rack



Rack Column Protectors

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Protecting Building & Work Platform Columns



Column Protectors

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Protecting Building Walls & Doors



Track Guards, Guard Rail, and Bollards

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Protecting People Around Loading Docks



Removable Guard Rail, Dock Door Nets

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Protecting Unauthorized Personnel at Docks



Driver Containment Cages

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Protecting Walkways Adjacent to Mobile Equipment Aisles



Industrial Guard Rail

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Protecting In-Plant Offices



Industrial Guard Rail, and Bollards

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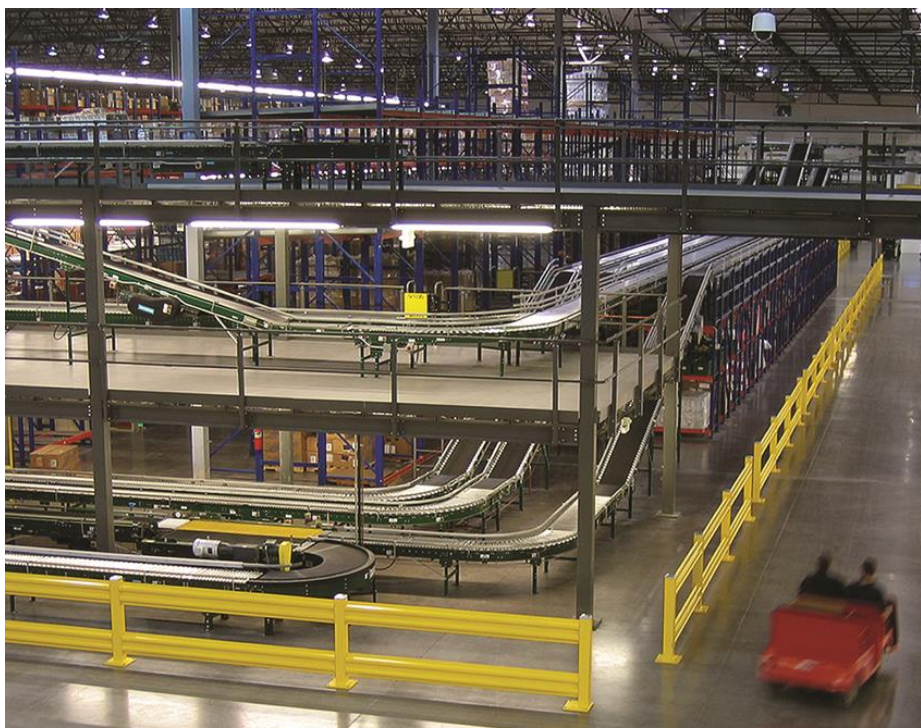


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Protecting Machines & Equipment



Industrial Guard Rail

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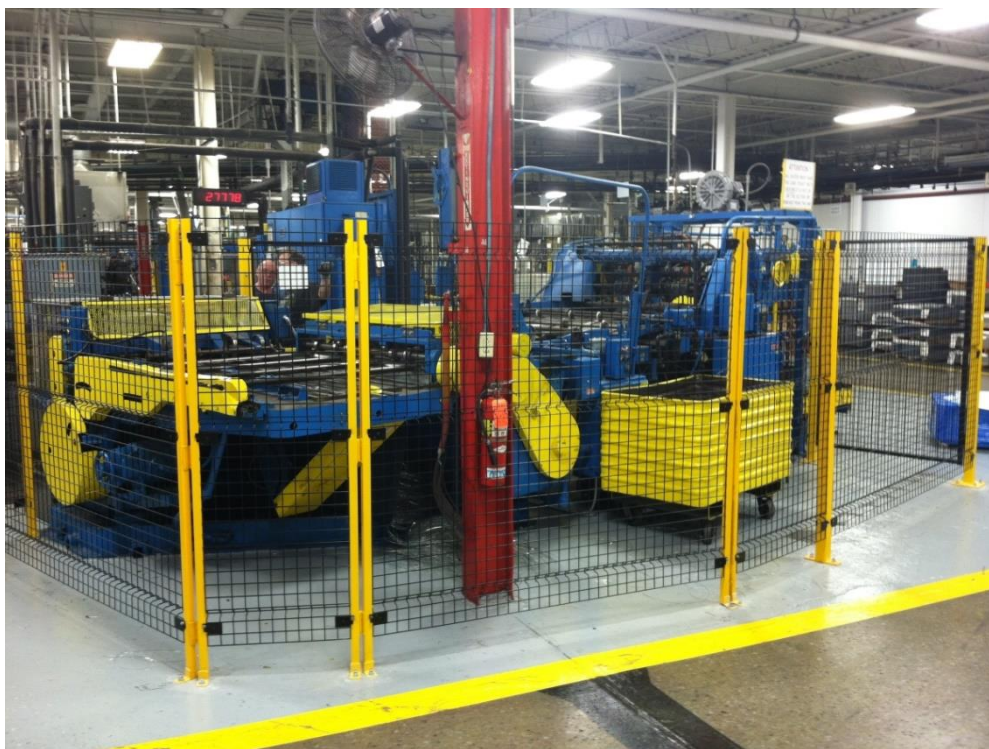


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Protecting Walkways Adjacent to Equipment



Barrier Guards

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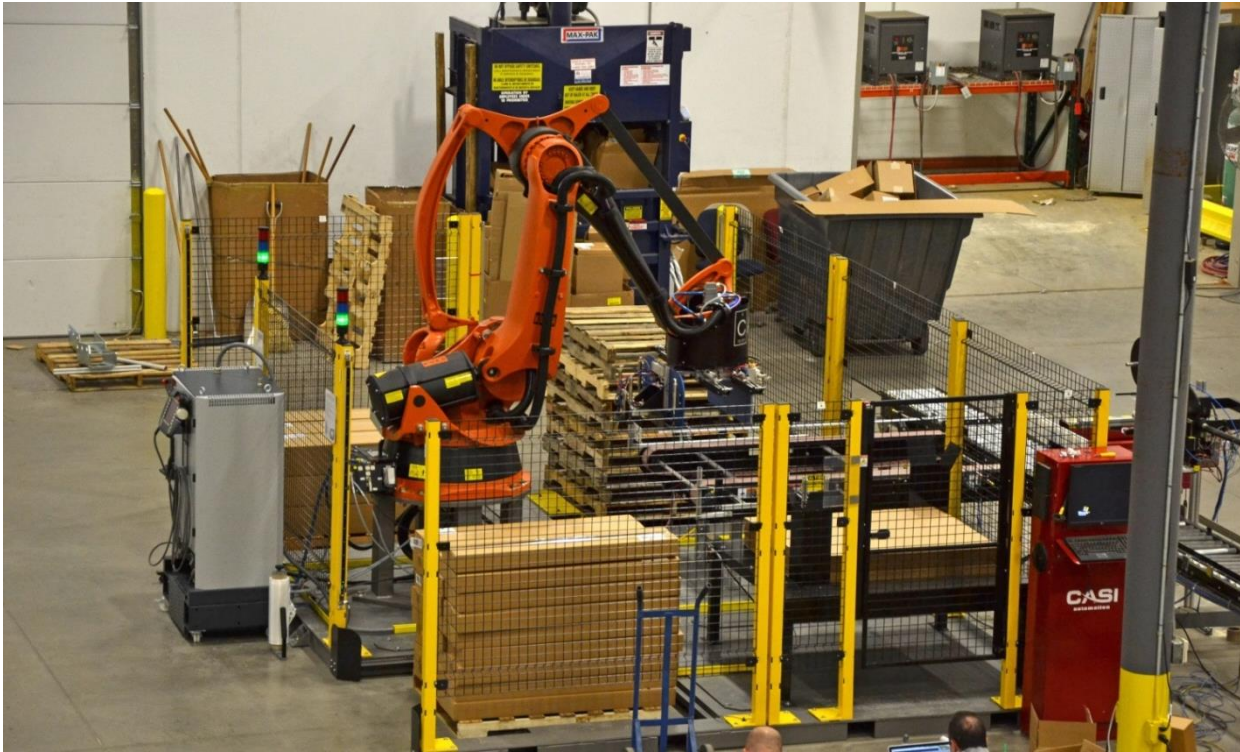


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Protecting People from Automated Work Cells



Barrier Guards & Light Curtains

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Protecting at Point-of-Operation



Light Curtains



Protecting People Around Vertical Lifts



VRC Guarding and Safety Interlocks

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Protecting People Below Overhead Conveyors



Safety Netting

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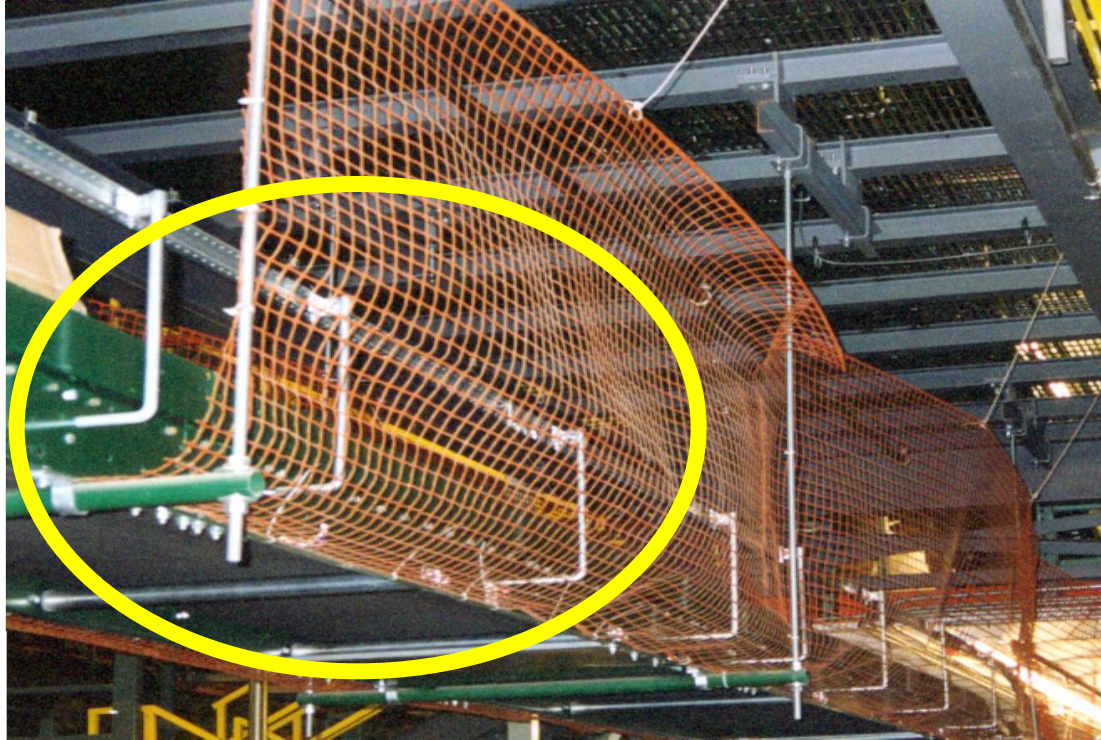


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Containment of Product on Conveyors



Catch Nets

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Catch Nets

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- Cherry's Industrial Equipment Corp
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- InCord, Ltd.
- Industrial Netting
- Jesco Industries, Inc.
- Mezzanine Safeti-Gates Inc.
- SICK, Inc.
- SpaceGuard Products, Inc
- Steel King Industries, Inc
- Troax, Inc.
- VISIPLAS Inc.
- Wildeck, Inc.
- WireCrafters, LLC

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www.boplan.com

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