

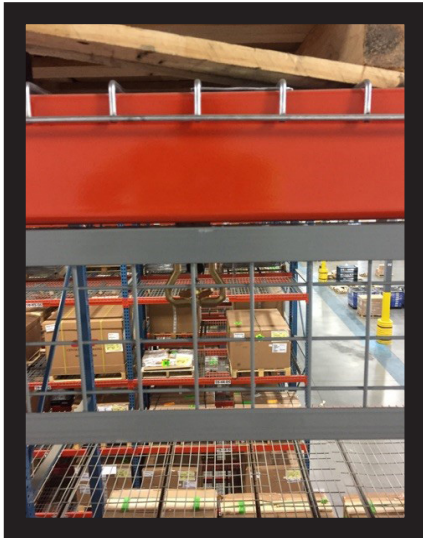
Automotive Industry

North America



Overview

Everyone knows space in a warehouse is a commodity—and, it's one companies need to maximize for full financial benefits. But what happens if this highly coveted space is limited due to fire regulations? How can a company overcome this challenge? [BeastWire](#) offered a creative solution for our customer.



Challenge

A tier-one supplier to the North American automotive industry was sourcing guarding for 200 bays of pallet rack. Due to the nature of the materials stored on the rack, each level required fire suppression which prohibited them from maximizing the full capacity of the open storage space available.

The sprinkler heads protruded below the rack beams into the open storage space. The customer needed to reduce the height of the pallet loads

on each level preventing them from maximizing their storage potential.

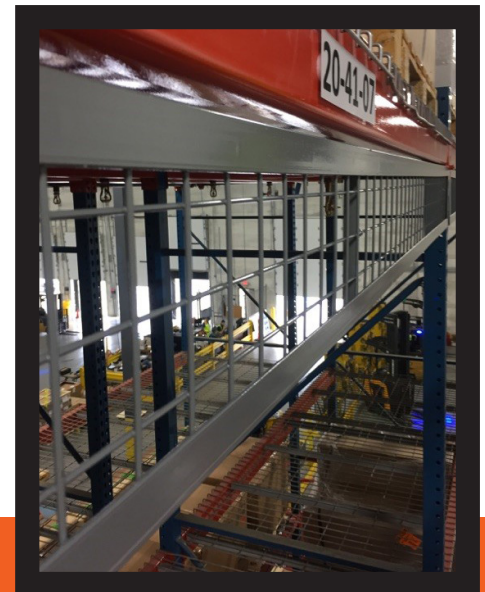
Their solution needed to be both rigid and porous. Solid steel materials such as additional rack beams were unacceptable since they could potentially obstruct the reach of the sprinklers in the event of a fire.

Furthermore, any solution that the customer came up with to protect the sprinkler equipment had to be approved by its insurance carrier.

Solution

An engineer responsible for the project met SpaceGuard at a major national tradeshow and was introduced to the BeastWire Mesh Guarding brand. He concluded that the BeastWire material was heavier-duty than any other steel mesh product he observed at this show.

[SpaceGuard](#) designed a special 8" high panel to fit directly below the rack beam and extend the minimal required distance to protect the sprinkler heads adequately. Also, sample panels were provided directly to the customer before an order to ensure the customer's insurance carrier was equally pleased with the chosen solution.



Conclusion

SpaceGuard worked the sales lead through one of its trusted partners, [Hy-Tek Integrated Systems](#) who handled the scheduling, project management, and installation. SpaceGuard and Hy-Tek were able to move the ship dates up to meet the customer's tight timeline. It was such a successful project that the customer has since ordered additional materials for another warehouse.

