

Press Release

Clip-Lok 2P boxes meet auto industry challenges for Finnveden

How do you pack a large quantity of big, bulky, odd-shaped parts into a box so that they can be accessed easily and ergonomically on the assembly line?

The answer lies in intelligent dunnage design. Dunnage for such parts must be robust, logical and protective against damage. This was exactly the type of challenge Finnveden presented when they contacted Clip-Lok SimPak® about packaging for dashboard support frames.

In close cooperation with Finnveden, the sales team and engineers at Clip-Lok determined the specific requirements for this box. They looked at the packing process, the potential for damage under shipment, the incorporation of the box on the assembly line and finally, the return process. When all the parameters were determined, 3D design technology was used to find the optimum solution for Finnveden.

The solution was a Clip-Lok 2P box with plywood dunnage which is built-up in sections providing easy access to the parts. When in place, the dunnage firmly secures each part in position within the box. This ensures maximum packing density while preventing damage during shipping. The 2P box has a removable front panel and a drop-down ramp which allows the workers to step into the box to access the back rows. When the box is emptied, the dunnage is packed within the flatpacked box for cost-saving return shipment.

“This box is an excellent example of what Clip-Lok does best. The combination of digital technology and hands-on craftsmanship is critical to the process when we design solutions for our customers,” says Anders Lassen, Managing Director at Clip-Lok SimPak. “We rely equally on the expertise and creativity of our engineering staff and the pride and craftsmanship of our production staff when coming up with the solutions that keep our customers returning with new challenges.”

The boxes are now in circulation and the people at Clip-Lok are busy developing new solutions for the automobile industry’s unique packaging challenges.

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