

A Custom Blackout Enclosure for an Aerospace Systems Supplier



Designing and creating an environment for quality inspection processing

One of the world's largest suppliers of technologically advanced aerospace and landing gear products needed a blackout environment for quality control and parts inspection purposes.

In order to accommodate the need for a controlled environment within this facility, Soper's created a custom solution. Made of 18 oz black vinyl coated polyester, the custom enclosure was installed within three days.

Our challenge when designing this was to incorporate a dedicated overhead crane inside the enclosure, without obstructing an exterior aisle. Through discussions with our client and distribution partners, Soper's was able to create an effective design by producing a covered walkway with a roof supported by floor columns on the outside of the enclosure. One end of the crane bridge travels over top of the aisle on the inside, while plant traffic passes through the walkway on the outside.

The end result: a blackout enclosure integrated with the on-floor logistics of a busy plant.

... an innovative solution for a unique problem

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