



CASE STUDY

User-Friendly Bonding Before Injection Process

- Better set-up and start-up times
- Improved safety and reduced cost of ownership



OVERVIEW

Manufacturer Moving Away from Hot Melt Adhesives

A manufacturer of commercial display refrigerators needed to adhere expanded polystyrene (EPS) foam spacers between the refrigerators' inner and outer panel skins during the assembly process. This insert maintained the spacing between the panels prior to the injection and expansion of the insulating foam within the cavity. The customer was dipping EPS spacers into vats of molten adhesive prior to placing it between the two panels. Working with hot melt in this fashion triggered safety concerns and led to lengthy set-up and start-up times.

OPPORTUNITY

Provide a Safe, Easy-to-use Solution with QuikDot™ Pro Applicator

Using the old hot melt system required someone to come in early to start the glue pots. The hot melt adhesive would also begin to cool before it was applied to the inside of the metal cooler skins. Once the customer saw how easy achieving safe, instant bonding was using the QuikDot Pro and permanent QDP-7100 adhesives, they replaced seven hot melt glue pots with QuikDot Pro applicators. In addition to being easier to use, the lower price point of the QuikDot Pro reduced overall cost of ownership.

SOLUTION

Customer Eliminated Burn Risks and Improved Production Process

-  Unlike the hot melt, Glue Dots remained tacky during panel assembly
-  Glue Dots provided a turn-key solution that sped up the production process
-  The QuikDot Pro provided a more affordable and more ergonomic adhesive solution

