

ELECTRICAL CONNECTIONS IN HARSH ENVIRONMENT CASE STUDIES

Case Study #2: Replacing Quick-Disconnects That Did Not Have The Stainless Steel Components As Promised

THE CHALLENGE

A manufacturer of packaging machinery in a southern state bordering the Mississippi River was having problems with their micro-size molded connectors. They had purchased quick-disconnects from a supplier who assured them that their connectors had stainless steel coupling nuts. This was a critical component to the manufacturers as the molded connectors were used on their high-performance vertical form-feed-sealing bagger for a customer who placed these machines at the end of their processing line where finished chicken pieces are placed into a bag for shipment to the grocery store. The bagging machine is washed-down with tough chemicals and stainless-steel components were necessary to withstand the harsh environment. However, the molded connectors the manufacturer purchased did not have stainless steel coupling nuts as promised and this became a major issue for them.

THE SOLUTION

The local Remke sales agent, who had worked previously with the manufacturer, introduced them to the line of Tuff-Link™ Industrial Interconnects from Remke Industries. He demonstrated the mini-size molded connectors with optional stainless-steel coupling nuts, and explained to them that the Remke connectors were also designed with gold-plated contacts for further corrosion-resistance. The manufacturer was relieved to see that stainless-steel coupling nuts were a standard option with Remke and could be produced for them in an acceptable timeframe.

THE RESULTS

The manufacturer purchased several sets of Remke mini-connectors with stainless steel coupling nuts for their V/F/F/S bagger. They stated that they have been satisfied with the product, price and service provided by Remke.

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