Application Story

Sockets Sealed and Delivered

Custom Waterproof Solutions

The problem

Our customer, who made industrial printers, was looking to waterproof their external cables in order to protect them during the extensive cleaning process that is required in the food processing industry where the printers were being used. They had found an expensive OEM connector but it wasn't quite right and were looking for an alternative design.

The solution

We developed a custom design comprised of a 3-piece overmould that included a soft-seal front face, which, when mated, created a tight, waterproof seal against the unit. Being overmoulded, we were also able to brand the connector with our customer's logo and engineer the 45° cable entry that they required. Samples were supplied at every stage of the development process.

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A **Volex** Company

KEY BENEFITS

Cost Efficiencies

Our cable assembly was a lower cost than the customer's previous product and they no longer had to carry out expensive repairs to water-damaged printers.

Time Saving

No time wasted on removing cables and sealing up ports ahead of cleaning, nor having to re-connect everything afterwards.

Business Advantage

A fully waterproof, reliable product meant that end-customer satisfaction increased and our customer was able to build their brand through the custom design.