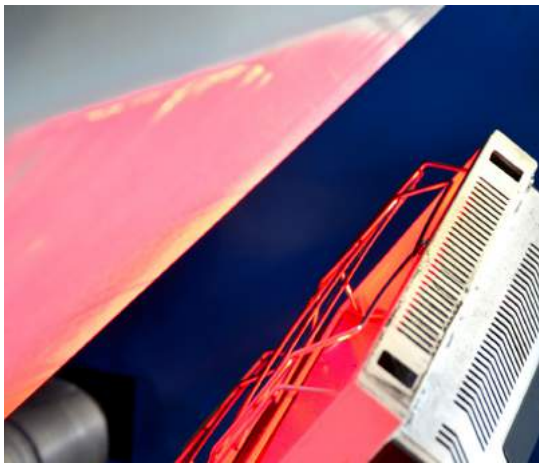
CASE STUDY 2

CUSTOMER CHALLENGE

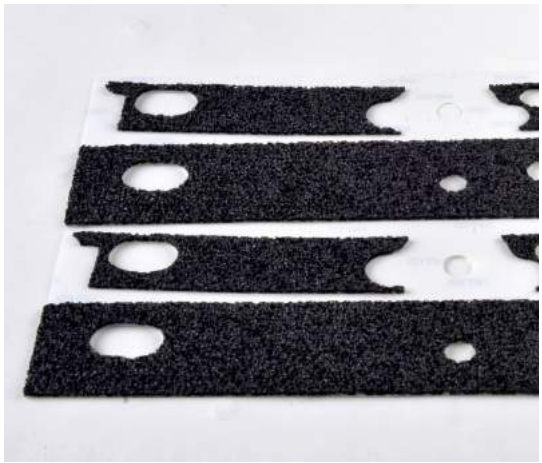
Our customers application was an extruded aluminium roof rail, for their customer Jaguar Land Rover. They experienced constant fit and function issues, due to their gasket assembly process. The gasket was applied through a automated suction process, but due to the material thickness (2mm) and the semi-closed cell material structure, the gasket would crush/crease under the air pressure.



OUR SOLUTION

Ramsay recommended a plastic (polyester) liner which acted as a stiffener. The solution ensured that the gasket was now durable and able to be applied via their preferred automated assembly process.

We achieved this by applying the polyester liner to the Nitto EE1010 material, this was followed by an additional adhesive laminating process to ensure that the gasket could be adhered to the application.



THE RESULT

Ramsay successfully resolved the fit and function issue for the customer, with a price competitive solution. We also ensured that they could use there preferred, automated assembly process, which again delivered a cost saving, gained through process control.

GET IN TOUCH

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