

CASE STUDY 1

CUSTOMER CHALLENGE

A plastic injected door fender component for their customer Jaguar Land Rover. Our customer experienced continued sealing and NVH issues, due to the irregular surface area of the application. They were utilising two rubber moulded product components, to try and resolve the issue, unfortunately with no success.

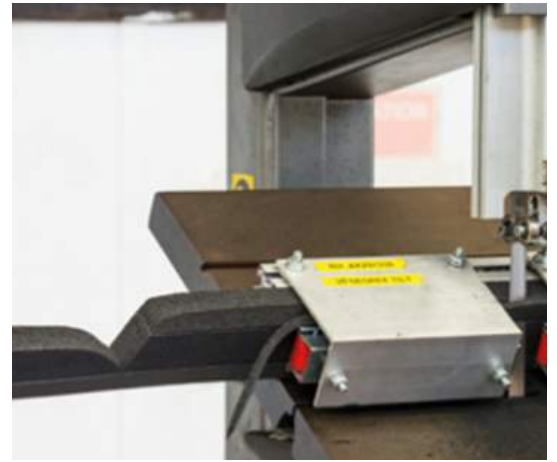
OUR SOLUTION

Ramsay recommended a fabricated adhesive foam seal. That comprised of semi closed cell Nitto E1010 foam, laminated with a closed cell R230/10 EPDM sponge. The materials were laminated and die-cut in three stages to meet the complex sealing requirements.

The closed cell EPDM sponge would act as an internal sealing barrier. Whilst the Nitto foam due to its cell structure would compress into the application to provide a water and air tight external seal, when fitted. It also provided an enhanced NVH solution.

THE RESULT

Ramsay successfully resolved the sealing and NVH issue for the customer, with a price competitive solution. We also simplified their assembly process with one product, rather than two. The end result? A satisfied customer, who we continue to enjoy a strong and successful relationship.



GET IN TOUCH

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