



APPLICATION STORY

tesa® ACX^{plus} takes the load off vehicle conversion

tesa ACX^{plus} 7074, a black acrylic foam tape designed to compensate different thermal elongation of bonded parts in demanding outdoor applications, has been successfully trialled by a major commercial vehicle converter in the East of England to improve the bonding process in a specific area of its manufacturing methods.

Application and Current Method

The company was using mechanical fixings in the form of rivets and screws to attach loadlock rails to the van chassis and identified corrosion and leaks as potential problems.

Customer Issue

The use of rivets in securing the loadlock rails was labour-intensive, time-consuming and limited the rate of van production capacity due to the lengthy process times.

tesa Assessment and Proposal

tesa was introduced to the customer via its local distributor Austen Instant Tapes Ltd, who accompanied the tesa team to the premises for an assessment of the current production process.

On investigation, tesa established that the customer's key requirement was to find an alternative and cost-effective method to replace the use of rivets and screws, speeding up the conversion time.



Outcome

tesa® ACX^{plus} 7074 provided a bonding solution that increased production efficiency, reducing the application time significantly, including cleaning of the wall and rail, applying the tesa® promotor, applying the tape and applying the rail.

tesa's Area Sales Manager, Arran Dickinson, commented "We are delighted with the results to date and will continue to look at other areas of the manufacturing process and support development."



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