



## CASE STUDY

# Safe & Clean Production Bonding

- Reduced overspray and exposure to VOCs
- Reliable bonding to rubber substrate



### OVERVIEW

#### Better Production Process

A manufacturer of automotive rubber components wanted to replace its aerosol adhesive with an alternative that would eliminate Volatile Organic Compounds (VOCs) and the sticky mess associated with spray adhesives. The company needed to apply a thin layer of removable adhesive to extruded rubber cylinders to temporarily bond protective craft paper in place prior to moving the material to the next operation. The aerosol adhesive being used was messy, pricey and contained smelly solvents. It had also experimented with double-sided tapes, but they did not adhere to the rubber substrate.



### OPPORTUNITY

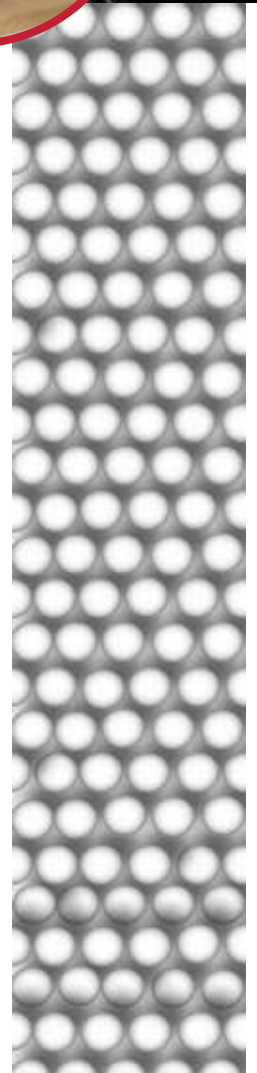
#### Glue Dots® Provide a Faster, Cleaner and Safer Solution

In place of the aerosol with VOCs, Glue Dots provided the Dot Shot® Pro applicator with Glue Dots' MatrX adhesive patterns. Customer testing confirmed that the combination of Glue Dots' Dot Shot Pro applicator and MatrX adhesive was a significant improvement over the aerosol adhesive. The Glue Dots applicator/adhesive combination enabled easier application and ensured a cleaner bonding process with no harsh chemicals or solvents. Best of all, it provided the reliable, low-profile, removable bond required for the application.

### SOLUTION

#### Customer Testing Confirms Success

-  Glue Dots facilitated a cleaner work environment and eliminated exposure to VOCs.
-  The MatrX adhesive patterns created a reliable bond to the rubber material, which is a low-surface energy substrate with many bonding challenges.



*MatrX micro-dot  
adhesive pattern*

