

Switching from Staples to Adhesive Squares™ Decreases Product Damage, Increases Employee Safety

Customer Desire

- Reduce returns of scratched doors from staples
- Increase safety in plant
- Decrease pop-opens from staple overpenetration (box damage)

The Results

- Zero scratches on doors from Adhesive Squares™
- No risk of injury
- No damage to box

Challenge:

A large door manufacturer was exploring alternatives to staples to seal the edges of the boxes for their doors. The staples were excellent for speed of production; however, the manufacturer was interested in **reducing the number of returns** from cosmetic damages due to scratches from staples as well as **reducing the number of injuries** from the staple guns in-house.

Solution:

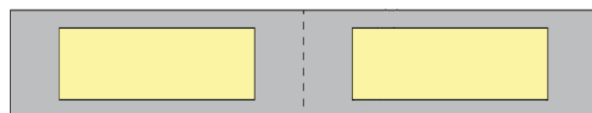
Alongside the manufacturer's packaging engineer, RS Industrial was able to develop a custom product for the manufacturer that was sized to fit within the flap of the customer's exact box. This allowed almost full coverage of the flap, ensuring a secure seal. The adhesive chosen for the Adhesive Squares™ double-sided tape was specifically chosen for its strong polymer backbone, to resist the strong spring back on their larger heavy-duty corrugated boxes.



The Adhesive Squares™ provided the manufacturer with an easy alternative to staples that was safer for their operators and did not damage doors. The immediate bond strength of the Adhesive Squares™ also ensured manufacturing speeds were not impacted.

Product Specifications:

- 6" length
- 2" width
- 0.5" liner tab for easy peel of liner
- High shear adhesive



ADHESIVE
SQUARES™