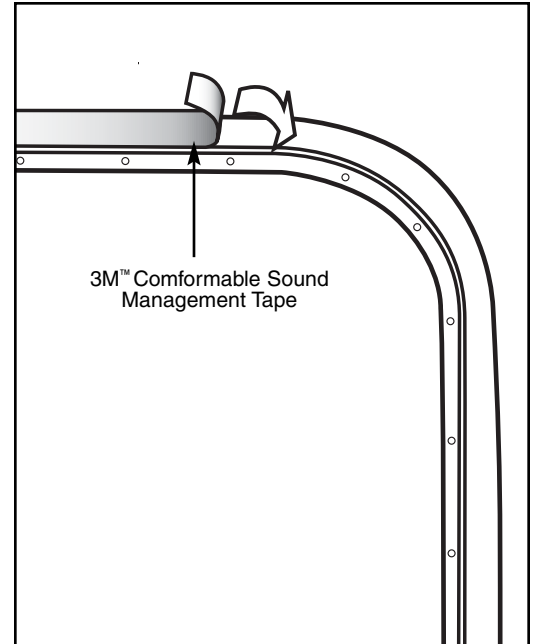
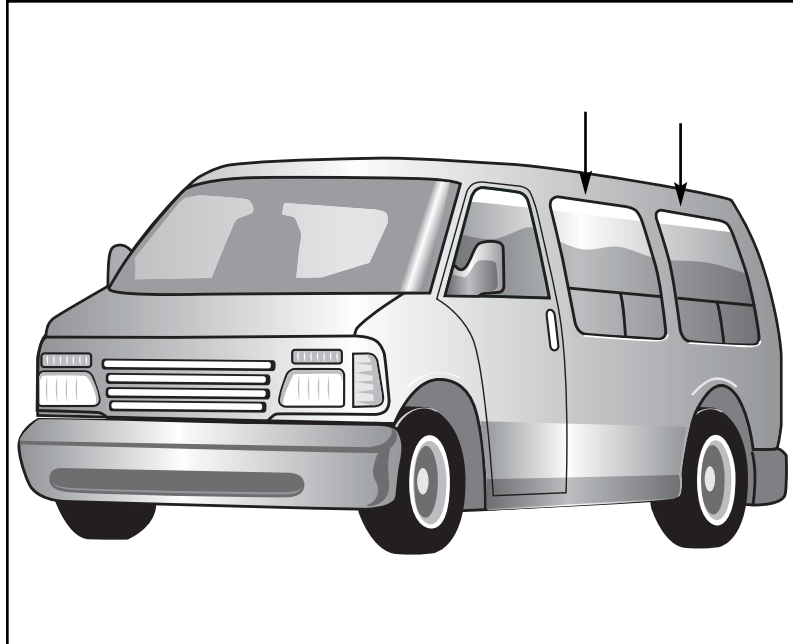


# 3M Application Profile

**Market:** Transportation

**Application Description:** Anti-squeak protection between the window clamp ring and the body of a conversion van.



## Application Detail

Tape prevents creaking sound from occurring when the exterior sheet metal flexes against the clamp ring during operation of the van.

## Key Application Requirements

Conformable; helps prevent squeaks; prevents wear between adjacent parts; meets interior fog specifications.

## Benefits/Advantages To Customer

*Outstanding abrasion resistance:* Passes Ford and GM Taber abrasion requirements.

*Quiet:* High energy absorption capacity helps prevent metal-to-metal squeaks during operation of the van.

*Easy to apply:* Pressure sensitive adhesive makes it easy to apply on the assembly line, helping to improve throughput.

*Excellent adhesion:* 3M acrylic adhesive provides a high-strength, long-term bond that remains in place during the life of the vehicle.

*Conformable:* Tape doesn't have to be die-cut to fit irregular shapes of parts; convenient application on the assembly line.

*Fogging:* High fog number for automotive interior applications.

## PRODUCT

3M™ Conformable Sound Management Film Tape 9343

## Process

3M™ Conformable Sound Management Film Tape 9343 is applied by hand to the perimeter of the interior clamp ring at a Tier One manufacturer. The clamp ring is mated to a window and shipped to the conversion van manufacturer. The window is installed on the exterior of conversion van after the hole is cut in the side. The clamp ring is then pressed against the window frame and body from the interior of the van and fastened in place with screws.

## Related Products

3M™ Squeak Reduction Tape 9324 — Black tape with UHMW-PE structure.

3M™ Squeak Reduction Tape 9325 — Translucent tape with UHMW-PE structure.

## Related Application Ideas

Clamp ring protection in motor homes, buses and trailers.

## SIC Code

3711 – Motor Vehicles and Car Bodies

3714 – Motor Vehicle Parts and Accessories

## Key Decision Makers

Program Managers

Design Engineers

Quality Assurance Engineers

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## For Additional Information

To request additional product information or to arrange for sales assistance, call 1-800-362-3550. Address correspondence to: 3M Industrial Business Customer Response Center, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55106. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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## Product Use

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