

Sounds like good design



As the manufacturing landscape evolves, so does appliance design. Customers demand the latest technology and design innovations—and noisy, annoying appliances are not up to par. Good appliance design sounds like...silence. You can banish buzz, squeak, and rattle in your appliance designs with bonding solutions from 3M.

Noise is preventable

Design engineers have long struggled with the noises created when substrates interact. You may think buzz, squeak, and rattle (BSR) are inevitable byproducts of appliance manufacturing, but they don't have to be. Industrial adhesives and tapes from 3M offer an alternative. With hundreds of options available, 3M likely has the best adhesive solution for your product design.

Trust the experts

When it comes to industrial bonding solutions, 3M is the name you trust. Our materials engineers can match the features and properties of 3M products to your appliance design to find the quietest solution possible. Then our network of converter partners can die cut or custom fabricate 3M products to meet your specifications. All of this comes backed by the technical data your processes demand. So you get:

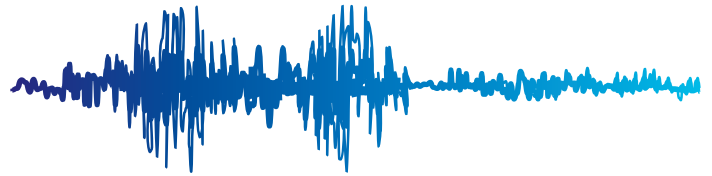
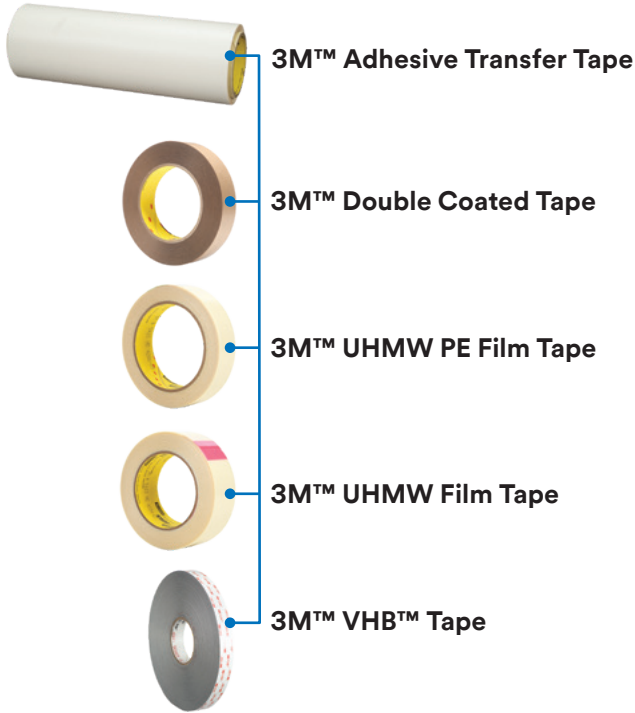
- ✓ Improved manufacturing efficiency
- ✓ Quieter operation
- ✓ Reduced cycle times
- ✓ Improved customer experience



When you partner with 3M and the 3M converter network, you can innovate with confidence and design without limits.

Superior products

Your high-quality appliance designs deserve 3M tapes and adhesives. 3M offers a broad range of products that are superior to mechanical fasteners and welds in eliminating noise.

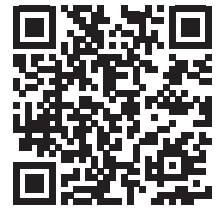


The science of noise reduction

3M™ VHB™ and UHMW tapes work in your appliance design to stop BSR before it starts.

- Using tape in place of mechanical fasteners helps minimize vibrations that cause noise and high-frequency, unpleasant sounds.
- Using a combination of 3M tapes and adhesives with foam, felt, or fabric can help eliminate noise caused by substrate contact.
- Products like 3M UHMW tapes have low coefficients of friction to help reduce noise caused by the movement of touching surfaces.
- Products like 3M™ VHB™ Tape have viscoelastic cores to help absorb energy and minimize sound.

With help from 3M materials engineers and converter partners, you can virtually eliminate BSR from your appliance designs. Custom fabricated solutions can also help improve your process efficiency. Most importantly, you can deliver an improved experience for your customers.



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