

# Buzz, Squeak & Rattle Bonding

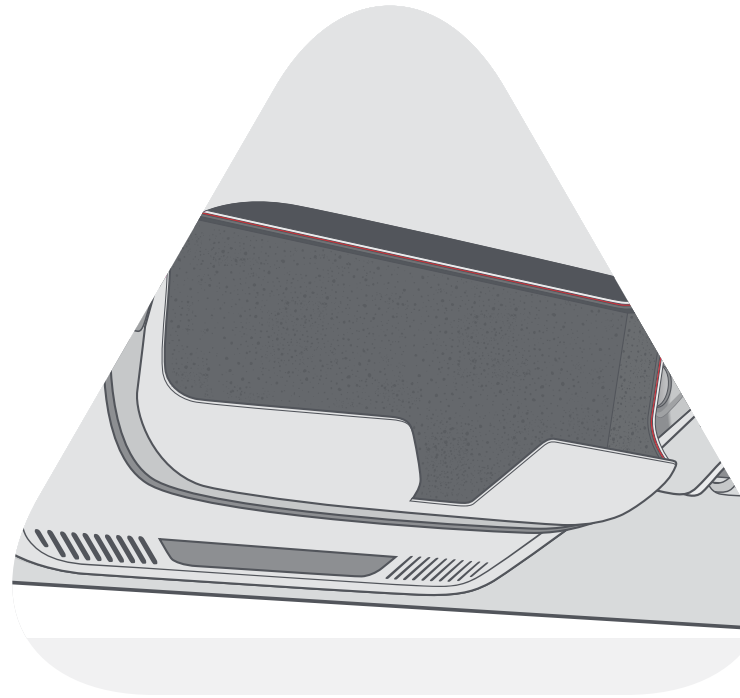
## Automotive Foam and Fiber Bonding Solutions

A modern vehicle interior incorporates a wide range of plastic components. As the vehicle moves, these components can come in contact with each other and create buzzing, squeaking and rattling (BSR) noises.

The Avery Dennison portfolio includes solutions that incorporate felts, flocks and ultra-high molecular weight (UHMW) films paired to single-sided tapes. Placed strategically in the vehicle, these materials can absorb and mitigate BSR noises. We also offer transfer tape options for facestocks (with unique colors and calipers) that are not included in our portfolio.

The adhesives and other materials in our portfolio offer multiple advantages:

- Bond well to polypropylene and other low surface energy (LSE) plastics
- Low volatile organic compound (VOC) and low-odor options
- Single-coated options with flock, felt, or UHMW facestocks
- Transfer tape options



## Buzz, Squeak & Rattle Bonding Products – Adhesives

Application	Product	Adhesive Type	Construction	Key Benefits	Core Series™ Portfolio*
<b>Buzz, Squeak &amp; Rattle Bonding</b> (For lamination to felt, flock, UHMWPE)	FBR 8950	General Purpose Rubber	Double Coated PET	Aggressive adhesion to LSE	•
	FT 1123	General Purpose Acrylic	Transfer Tape	Well balanced performance and tack	•
	FT 1149X	High Performance Low VOC Acrylic	Transfer Tape	High coat weight, low VOC, high temp resistance	•
	FT 3043	LSE Modified Acrylic	Double Liner Transfer Tape	Difficult environment resistance, excellent LSE holding power	•
	FT 1943 PP	LSE Modified Acrylic	Transfer Tape	Difficult environment resistance, excellent LSE holding power, tear resistant liner	•

\* Product is featured in the Core Series™ Portfolio. The Core Series™ Portfolio is designed to make it easy for converters to quickly identify a product recommendation for their customers.

## Buzz, Squeak & Rattle Bonding Products – Full Components

Application	Product	Adhesive Type	Construction	Key Benefits	Core Series™ Portfolio*
<b>Buzz, Squeak &amp; Rattle Materials</b> (Felt, flock, UHMWPE included)	FT 0900X	High Performance Low VOC Acrylic	.8 mm Single Coated Flock	Black flock, low VOC, high temp resistance	•
	FT A915 PET	Pure Acrylic	1.5 mm Single Coated Flock	Black flock, high heat and humidity resistance	
	UHMW 327 PET	Pure Acrylic	3 mil Single Coated UHMWPE	Anti-friction and abrasion resistant, Clear	
	UHMW 527 PET	Pure Acrylic	5 mil Single Coated UHMWPE	Anti-friction and abrasion resistant, Clear	
	UHMW Blue 527 PET	Pure Acrylic	5 mil Single Coated UHMWPE	Anti-friction and abrasion resistant, Blue	
	UHMW 527UV PET	Pure Acrylic	5 mil Single Coated UHMWPE	Anti-friction and abrasion resistant, Clear	
	FT BNW 1028LV	High Performance Low VOC Acrylic	1 mm Single Coated Felt	Black felt, high adhesion and high temperature shear, low VOC	
	FT BNW 2028LV	High Performance Low VOC Acrylic	2 mm Single Coated Felt	Black felt, high adhesion and high temperature shear, low VOC	
	FT BNW 5027	Pure Acrylic	.5 mm Single Coated Felt	Black felt, high adhesion and high temperature shear, mild plasticizer and solvent resistance	
	FT BNW 5028LV	High Performance Low VOC Acrylic	.5 mm Single Coated Felt	Black felt, high adhesion and high temperature shear, low VOC	
	FT BNW 5SB1K 028LV	High Performance Low VOC Acrylic	.5 mm Single Coated Felt	Black felt, high adhesion and high temperature shear, low VOC	
	FT 8299	High Performance Low VOC Acrylic	Double Coated Tissue	High performance, low VOC, strong holding power to LSE	

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## The Avery Dennison Automotive Foam and Fiber Bonding Portfolio

Avery Dennison offers pressure-sensitive adhesive tapes for automotive applications requiring foam and fiber bonding. Rely on our portfolio of solutions for a wide range of interior and exterior applications.



### Enable a wide range of materials

Pressure-sensitive adhesive options for bonding to low surface energy plastics and difficult to bond to foams.



### Improve interior air quality

Low VOC, low odor and low outgassing pressure-sensitive adhesives.



### Meet OEM specifications

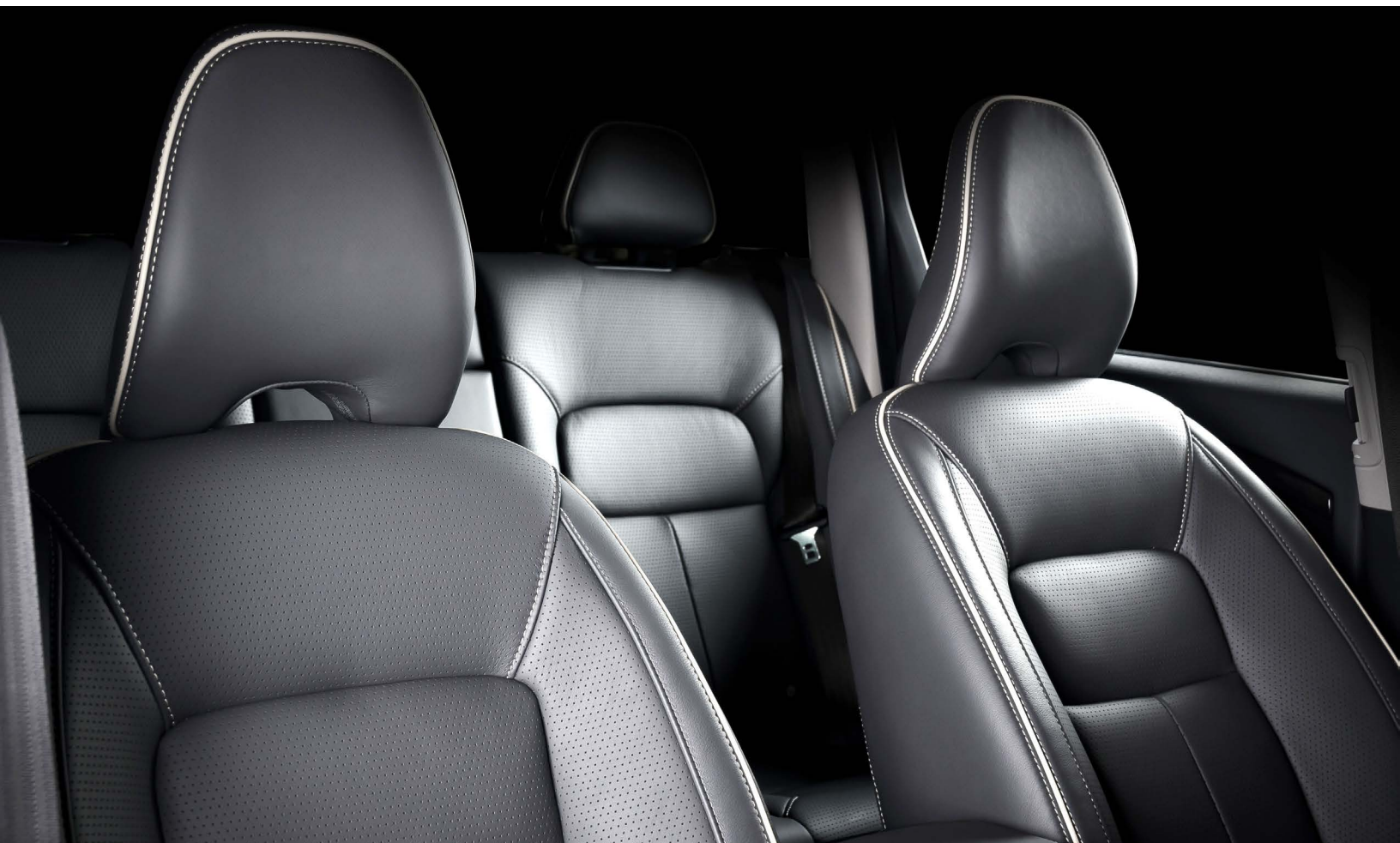
A wide range of tape options that pass many OEM specifications for a host of laminates and substrates.



### Simplifying the PSA tape selection process

The addition of the Avery Dennison Core Series™ Portfolio makes the tape and adhesive selection process quick and easy.

Visit [tapes.averydennison.com/autofoamandfiber](https://tapes.averydennison.com/autofoamandfiber) to view our full portfolio of automotive foam and fiber bonding solutions.



## Go beyond bonding with Avery Dennison: Expansive product selection, plus customization and testing capabilities

The Avery Dennison Automotive Foam and Fiber Bonding portfolio offers multi-functional solutions that draw from our expansive portfolio of pressure-sensitive adhesive tapes. We have a long track record in the automotive segment and are relied upon by OEMs and tier suppliers across the industry. Our products meet OEM specifications for a wide range of applications.

Beyond bonding means we also welcome the opportunity to collaborate with automotive OEMs and tier suppliers to develop custom tape solutions. You'll enjoy access to testing facilities and pressure-sensitive adhesive experts who understand the challenges engineers face. We can work together to produce one-of-a-kind products that give you the advantage you seek.

### Collaboration

- Global reach
- New product development for developing custom solutions for applications
- Business development and specification support for emerging applications
- Application engineering and technical support

### Testing

- ISO 17025 certified laboratory
- Online tool offering easy access to our database of OEM certifications
- Industry-standard testing and custom application testing
- Traditional pressure-sensitive adhesive bulk property testing (peel, tack and shear)
- Environmental conditioning (temperature, humidity, UV, chemical and more)
- Flame performance and dielectric strength testing at the tape and composite level



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