

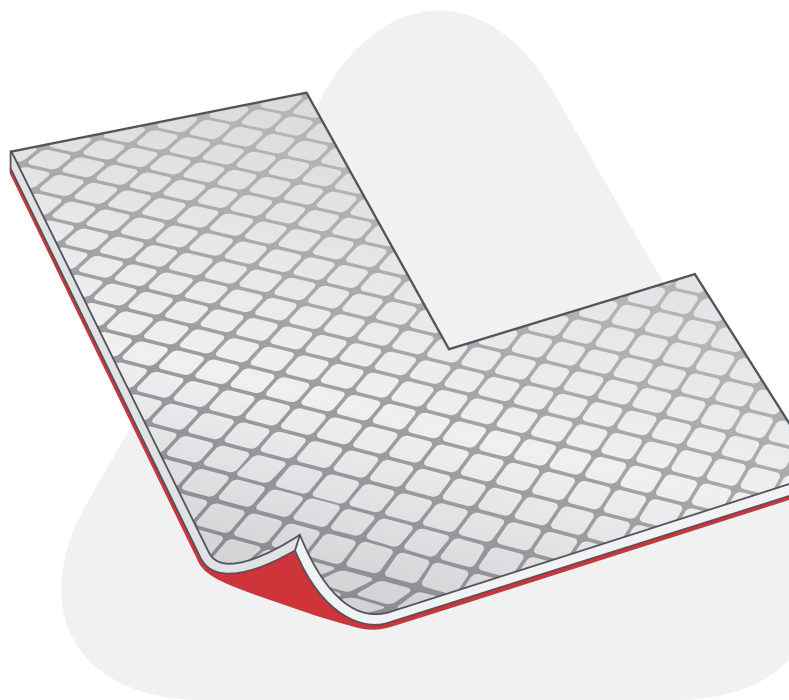
Heat Shield Bonding

Automotive Foam and Fiber Bonding Solutions

Powertrain components in modern vehicles, such as engines and exhaust systems, generate extreme heat. For that reason, vehicle engineers commonly employ heat shields made of foils and felts to protect sensitive components such as high-density polyethylene (HDPE) gas tanks.

Avery Dennison pressure-sensitive adhesive tapes offer multiple advantages for this application.

- Replace mechanical fasteners for reduced weight, reduced tooling costs, and improved distribution of stresses
- Bond around low surface energy (LSE) contours without lifting
- Resistance to harsh conditions such as high temperatures and fluid exposure
- Engineered to last the life of the vehicle



Heat Shield Bonding Products

Application	Product	Adhesive Type	Construction	Key Benefits	Core Series™ Portfolio*
Heat Shield Bonding (Nonwoven felts)	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	•
	FT 3014	General Purpose Acrylic	Double Liner Transfer Tape	Well balanced performance and tack	•
	FT 1149X	High Performance Low VOC Acrylic	Transfer Tape	High coat weight, low VOC, high temp resistance	•

* 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.

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

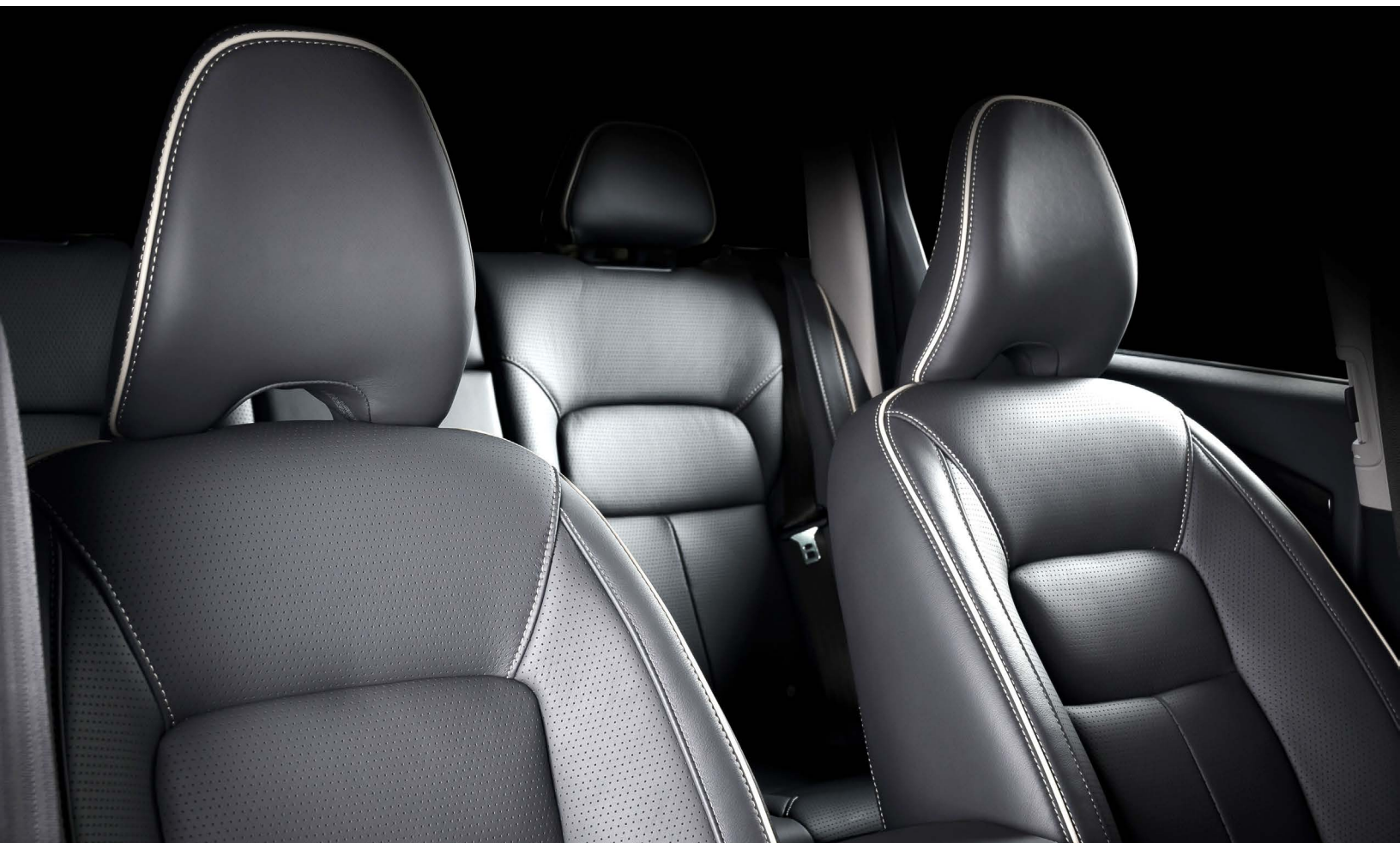
A wide range of tape options that pass many OEM specifications for a host of laminates and substrates.



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 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



tapes.averydennison.com

All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that the purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison products are sold subject to Avery Dennison's general terms and conditions of sale found at tapes.averydennison.com/na/en/home/terms-and-conditions.html.

© 2024 Avery Dennison Corporation. All rights reserved. Avery Dennison® is a registered trademark of Avery Dennison Corporation. Avery Dennison brands, product names, antenna designs, and codes or service programs are trademarks of Avery Dennison Corporation.

