

Series of Solutions

Argent specializes in the conversion and distribution of a wide variety of adhesive backed materials for the automotive & transportation, medical, industrial, electronics, and aerospace, defense & government industries. Through long standing relationships with technology leaders like 3M™ and other prominent manufacturers, we have access to a broad spectrum of innovative materials to overcome your most difficult application hurdles.

For a more comprehensive directory of Argent's products and services, please visit our website. Review our core catalog of Application and Product Solutions Brochures, or simply contact us with your latest challenge. Let us demonstrate how our service can provide solutions for your most demanding applications!

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|---------------------------------|--------------------------------------|
| 1. hole covers | 7. gasketing & sealing |
| 2. buzz, squeak, & rattle | 8. paint masking |
| 3. wind noise & sound dampening | 9. EMI & thermal management |
| 4. attachment | 10. structural bonding |
| 5. surface protection | 11. labeling & identification |
| 6. fastening | 12. safety, security, & traceability |

Argent

Service *by Solution*®

Die Cutting - Heat Sealing - Injection Molding - Flexographic Printing - Profile Extrusion - Light Assembly - Roll Goods

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Solutions

for Buzz, Squeak, & Rattle

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Buzz, squeak, and rattle, also known as NVH, are typically caused by vibration between mating components. BSR can represent a significant problem by affecting a consumer's perception of the quality or value of an automotive product. Fortunately, Argent has developed a variety of low-cost Solutions to your BSR issue. All of our unique composites can be custom converted to meet the needs of your specific application.

Argent's Design Team solved the challenging BSR issue on this shifter-bezel with a unique, specialty die-cut composite. The design utilizes our UHMW film, which takes care of the BSR, while the value-added features of the die-cut ensure a seamless integration with our customer's manufacturing process.

Composites Silence BSR



UHMW Originally designed to prevent wear on industrial conveyor system chain guides, UHMW is an excellent choice for any automotive application requiring a strong thin barrier between squeaking components in close contact with each other. UHMW tape is a heavy-duty, ultra-high molecular weight polyethylene film with excellent abrasion resistance. Available in both clear and black, UHMW is also well suited to applications with aesthetic considerations.



LDPE Lo-Density Polyethylene tape performs in low-cost BSR applications that require abrasion resistance and flexibility. This composite utilizes an aggressive acrylic adhesive system, which sticks very well to most surfaces including complex curves and angles. Typical applications might include use as an anti-squeak and abrasion barrier between plastic, fabric, or vinyl-covered components.



Foam Tape Typical uses for foam tape include BSR applications that require both sound dampening and moderate abrasion resistance. Foam tape is often used to span larger gaps between mating components, such as in a headliner assembly. Available in a variety of types, densities, thicknesses, and custom high-performance adhesive systems, foam tape is highly versatile. For applications requiring additional abrasion resistance, films may be laminated to the composite.



Flock Tape Flock tape excels in applications that require abrasion resistance and moderate sound dampening. Flock tape's dense nylon fibers form a cushion between mating components and resist crushing to effectively stop most squeak and rattle challenges. Our flock tape utilizes an OEM tested and approved, high-performance adhesive system, which provides excellent adhesion to most substrates. Its high-performance and low cost make it an excellent choice for a variety of BSR applications.



Non-Woven Flexibility and thinness are the key attributes of Non-Woven, which make it well suited to applications that require both moderate abrasion resistance and conformability. Non-Woven tape may be supplied with a variety of adhesive systems depending on the specific performance requirements of a given BSR issue. Typical applications might include use as a slip barrier between polystyrene, metal, or plastic components.