

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 Wind Noise & Sound Dampening

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SOUND SOLUTIONS

Wind and other undesirable road noises, can be caused by a variety of factors. These irritants can represent significant problems 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 address your varied sound dampening and abatement needs. All of our unique composites can be custom converted to meet the needs of your specific application.

Argent's Design Team solved the challenging wind noise issue on this popular SUV with specialty die-cut foam tape. Our design features a high-performance acrylic adhesive system and economical PVC foam. The highly conformable foam effectively blocks the troublesome wind noise channeled through the irregular surfaces between the door and A-pillar.



Wind Noise & Sound Dampening Solutions



Foam Composite For noise abatement applications requiring additional rigidity or strength, Argent has developed a variety of foam composites. Through combinations of film and other laminates, foam tapes can meet the robust performance requirements necessary for more demanding applications. These laminates also have an added ergonomic benefit, making them easier to handle in some manufacturing environments especially where gloves are worn.



LDPE (Low Density Polyethylene Film) performs in low-cost wind noise applications that require minimal sound dampening properties. Flexible and conformable, LDPE film can be used on complex surfaces. LDPE film is both weather and waterproof, performing in both interior and exterior automotive environments. With its aggressive acrylic adhesive system, our LDPE film will adhere to most clean, dry surfaces.



Foam Tape Due to their adaptability and moderate sound dampening properties, our family of foam tape composites can provide a wide variety of wind noise and sound dampening Solutions. Available in an array of types, densities, thicknesses, and custom high-performance adhesive systems, foam tape is highly versatile. Argent's foam tapes are available in PVC, polyethylene, rubber, polyester and urethane foam constructions.



Thinsulate™ Designed to meet automotive interior environment extremes, 3M™ Thinsulate™ is a lightweight, cost effective alternative to heavy shoddy pad. Performance and versatility make Thinsulate™ ideal in applications that require premium technology at a reasonable price. With exceptional acoustic properties, Thinsulate™ is capable of blocking severe noise intrusion. Thinsulate™ can be die-cut with heat-sealed edges, and attached by: PSA, sonic weld, and hot and spray glues.



Foil Tape Dampening metallic noise is the primary application for foil tape. On sheet metal, foil tape can prevent the "oil canning" sound often created by large sections of unsupported body panels. Aluminum foil can be mated with acrylic transfer adhesives or foam tape for simple but effective attachment to your substrate with proven performance. Our family of foil tape composites can be custom-tuned to match the needs of your specific sound dampening application.