



VIBRASHIELD

Silver Series 2mm Car Damping Sheets

Premium Automotive Acoustic Solutions

Eliminate unwanted structural vibrations, suppress harsh road noise, and build an oasis of premium audio comfort inside any automobile. Manufactured & Distributed by the acoustic engineering pioneers at Vibrashield, this authorized specification matrix details the definitive standard in high-end cabin isolation.

PRODUCT OVERVIEW

The Vibrashield Silver Series 2mm Damping Sheet is a premier, industrial-grade acoustic and vibration suppression material engineered specifically for modern automotive insulation. Utilizing a highly viscous, elastomeric polymer core layered with a rugged polished protective aluminum constraining layer, Vibrashield transforms flimsy sheet metal panels into solid, acoustically inert structures.

Whether you are an automobile enthusiast aiming for the perfect premium acoustic soundscape or a high-volume dealer looking to offer a trusted, standard-setting automotive solution, the Silver Series delivers unparalleled dampening efficiency per millimeter of thickness.

KEY PERFORMANCE BENEFITS

Acoustic Noise Reduction

Dramatically dampens air-borne and structure-borne frequencies coming from tires, asphalt friction, wind, and engine mechanical movement.

Premium Structural Feel

Gives thin vehicle doors a luxurious, heavy-set "thud" closing sound commonly exclusive only to luxury high-end flagship vehicles.

Enhanced Dynamic Audio

Eliminates standard door-panel resonance, converting hollow cavities into sealed acoustic speaker enclosures for deeper, richer bass reproduction.

Thermodynamic Efficiency

The high-grade aluminum protective shield helps block external radiation, reducing structural heat transfer to keep cabin interiors cooler.

TECHNICAL SPECIFICATIONS

TECHNICAL CHARACTERISTIC	SPECIFICATION MEASUREMENT	ENGINEERING SIGNIFICANCE
Product Series	Silver Series	Premium Grade Heavy Foil Aluminum Composite
Material Thickness	2.0 mm (±0.05mm)	Optimal weight-to-dampening structural efficiency ratio
Sheet Dimensions	500 mm × 700 mm	Premium high-yield sizing configuration maximizing square coverage per panel layout
Base Compound	Viscoelastic High-Bond Butyl	Zero foul odor, highly elastic, eco-friendly execution
Surface Foil	Engineered Constraining Aluminum	Improves tensile energy absorption and mechanical durability
Adhesive Backing	Self-Adhesive High-Tack Layer	Permanent bonding that requires no hot-air gun installation

COMPLETE VEHICLE APPLICATION GUIDE

- Doors (Inner & Outer Skins):** Eradicates road-draft resonance and creates the ultimate acoustic enclosure for car audio speakers.
- Floor & Firewall:** Completely suppresses loud highway tire friction, high-frequency gearbox vibrations, and engine hums.
- Roof:** Blocks structural wind drumming at highway cruising speeds and insulates against solar heat transfer.
- Trunk/Boot Space & Wheel Arches:** Eliminates exhaust drone resonance and prevents gravel/stone wheel arch noise.
- Bonnet/Hood:** Minimizes mechanical engine clicking and diesel clatter noises from bleeding directly into the cabin.

COMMERCIAL VALUE

For Dealers & Distributors

Partnering with Vibrashield ensures access to a highly profitable consumer segment. Our premium 500mm x 700mm sheet footprint optimizes nesting density, making bulk transit and inventory stacking clean and simple.

For Individual Vehicle Owners

Investing in a complete vehicle layout provides a lifetime value upgrade. Enjoy fatigue-free long-distance highway road trips, whisper-quiet voice calls, and maximum structural thermal insulation from summer heatwaves.



Official Silver Series 500mm x 700mm
Technical Display

CONTACT FOR DEALERSHIPS & ORDERS

Connect with our sales office today for wholesale bulk pricing tiers, custom dealer display boards, and dispatch schedules.

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