

Best-in-Class Acoustic Solutions

Utilizing our dynamometer-equipped Acoustics and Materials Lab, Blachford offers best-in-class solutions for all defense vehicle NVH-related issues.



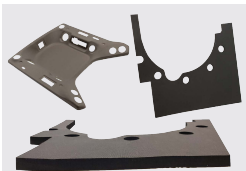
Blachford Acoustics Group's team of engineering specialists will collaborate with your team to provide innovative solutions that reduce the noise in your vehicles and reduce the number of SKUs needed, simplifying your supply chain while reducing your engineering burden and testing cost.

Innovative Solutions for Defense OEMs:



Complete Floor Systems

Our molded polyurethane and rubber floor mat systems are custom designed and manufactured to meet your specifications with features including anti-slip coating, permanent or removable mats, multiple inserts, and acoustic and thermal control to keep noise, heat and cold out of the cab.



Molded Headliners & Interior Trim

Made using polyester fiber, thermoplastics, fiberglass and polyurethane foam, our molded headliners and interior trim are custom engineered and fabricated to reduce noise, lower vibrations, and improve the overall look and feel of your products.



Firewall & Dashboard Acoustic & Thermal Treatments

Keeping the temperature in and noise out, our firewall and behind-the-dashboard acoustic and thermal treatments provide a layer of material between the cab and engine space.



Molded Doghouse & High-Temperature Thermal Applications

Available in both high and low volumes, in a range of thicknesses, and with peel & stick and pressure sensitive adhesives, our custom molded thermal insulation materials protect components from high-temperature and radiant engine energy.

Contact Us Today for Your Custom Solution.

Why Defense OEMs Choose Blachford:



Complete Suite of In-Cab Treatments & Solutions

From floor mats to dashboard treatments, we keep the temperature in and noise out.



Decades of Experience with vehicle NVH Issues

For more than a century, we have proudly designed, manufactured and tested solutions to combat the unique challenges associated with vehicle NVH issues.



Multiple Material Options for Each Treatment Need

We offer good, better, best options depending on your budget and timeline.

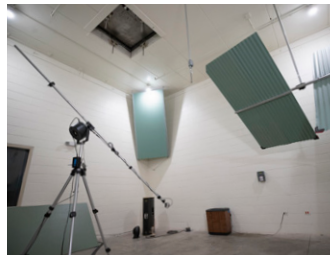
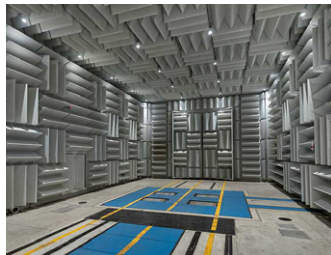


State-of-the-Art Testing Lab

We are uniquely positioned to analyze sound structures, identify all noise, vibration and thermal issues, and develop, prototype and test custom solutions to meet your specific challenges.

Pioneers in the Science of Sound

As the leader in acoustical technology, Blachford Acoustics Group was founded on a simple goal – to make the world a quieter place. For more than a century, we have proudly designed, manufactured and tested solutions to reduce noise, control thermal emissions and lower vibrations. Our products can be found worldwide in heavy machinery, manufacturing equipment, and vehicles large and small.



Acoustics Testing Lab

With industry leading testing facilities including a 7,000 cubic foot Reverberation Room and a Hemi-Anechoic Chamber capable of accommodating a Class 8 truck, Blachford Acoustics Laboratory offers unprecedented access to customers looking to quantify the acoustical behavior of their products. Using an array of accredited test methods, our team of experienced sound engineers accurately determine the source of unwanted noise and vibration and offer solutions enhance the sound performance of their products.

ANAB Accredited ISO/IEC 17025 Testing Laboratory:

- ASTM C423: Random Incidence Sound Absorption Coefficient
- ASTM E1050: Normal Incidence Sound Absorption Coefficient
- ASTM C522: Airflow Resistance of Acoustical Materials
- ASTM C518: Steady-State Thermal Transmission
- SAE J1400: Sound Transmission Loss

Manufacturing Facilities

Blachford Acoustics Group's team of specialists help manufacturers improve products by simulating the acoustical environment, integrating custom noise reduction solutions and enhancing product components. Our experienced fabricators produce your custom heat, noise and vibration reduction solutions in our state-of-the-art manufacturing facilities. We stand behind the quality of our products and thoroughly test all solutions in our Global ISO-Certified facilities.

- ISO 9001
- ISO 14001
- IATF 16949

