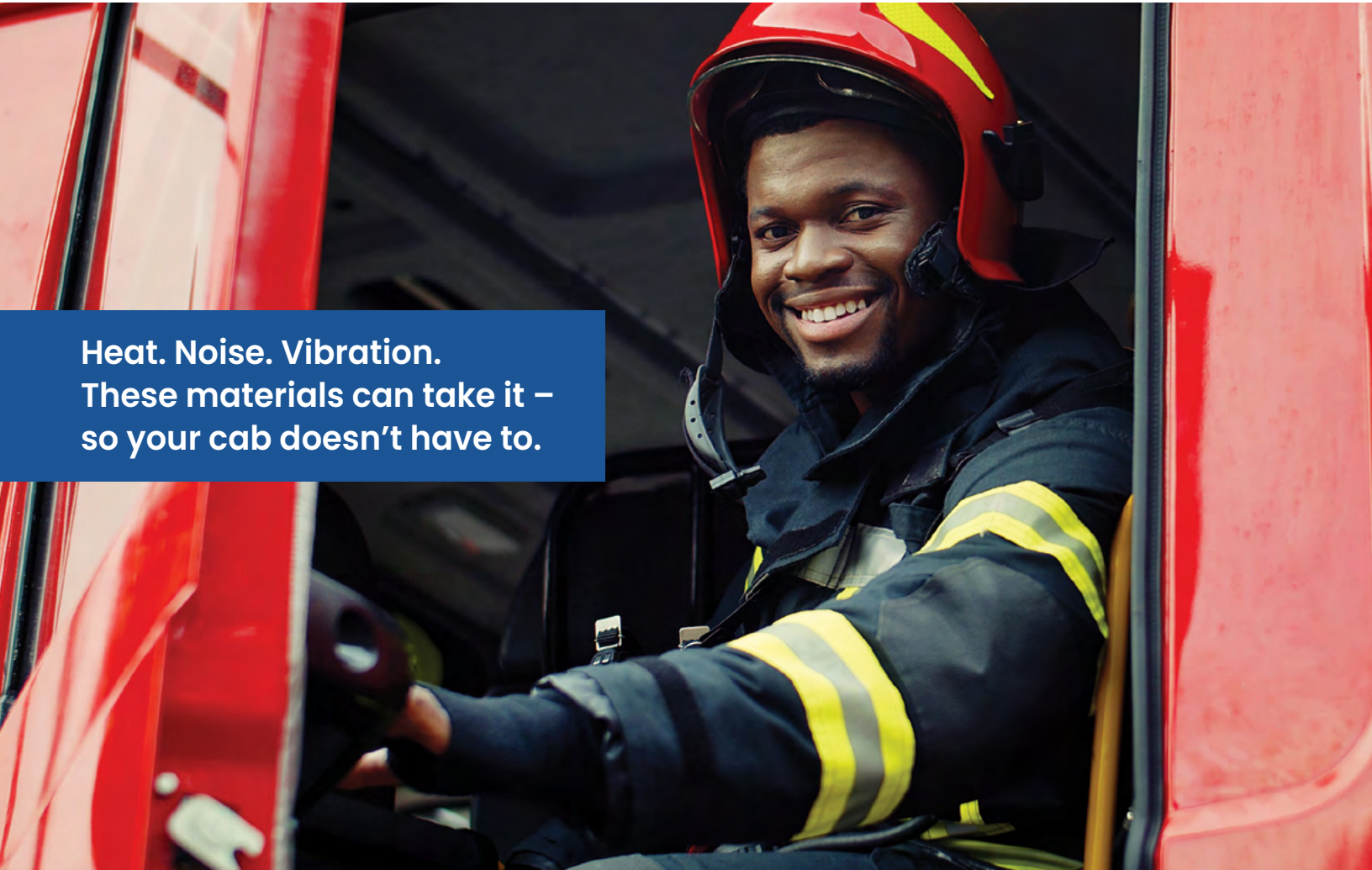


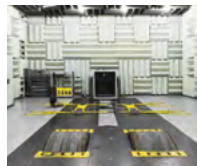
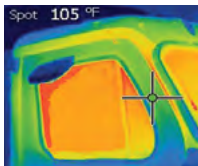
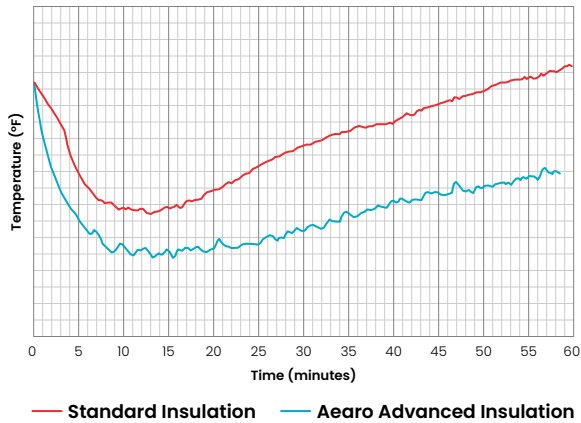
Keep your cool when the heat is on.

For firefighters, the heat is always on – but it shouldn't feel that way in the truck cab. Installing advanced thermal and acoustic packages from Aearo Technologies LLC can significantly reduce cab temperatures, along with noise level and vibration. This may help reduce the size, strength, and power required for AC units, but it's not just about efficiency. It's about improving cab comfort for the men and women on the job.



Heat. Noise. Vibration.
These materials can take it –
so your cab doesn't have to.

**Cab Average Temperature vs Time
HVAC Pull Down Test**



Acoustic Technology Center

The state-of-the-art Acoustic Technology Center and our experienced technical team are the keys to engineering the optimal thermal acoustic package for your fire trucks and emergency response vehicles.

The first step to developing the optimal thermal acoustic package is understanding the unwanted acoustic and thermal sources in your vehicle. An acoustic investigation can be conducted in our hemi-anechoic room, or one of our reverberant chambers. These rooms allow for measurement of either entire systems or components within the system. Thermal testing is conducted to establish the vehicle hot spots and the spread pathways for the unwanted heat. This allows the team to target the exact problem areas and halt the spread into sensitive areas.

Once the noise sources and thermal areas have been determined, the team engineers the optimal solution package to eliminate or disrupt noise and thermal transmission throughout the system. Finally we test the solution set and confirm the thermal and acoustic goals you have established have been met.

Aearo Product Portfolio

Aearo Technologies produces an extensive portfolio of acoustic, thermal, damping, isolation, and barriers to solve the total range of noise, vibration, and thermal control problems facing today's manufacturers.

Thermal and Acoustic TUFcOTE™ Foams

Acoustic foams with a variety of facings for many different environments

ISODAMP™ Damping Solutions

Structureborne vibration control

With a complete, advanced materials technology and extensive analytical capabilities, Aearo Technologies can engineer and deliver cost-efficient, on-target solutions tailored to fit your specific requirements.

Thermal and Acoustic 3M™ Thinsulate™ Insulation

Acoustic foams with a variety of facings for many different environments

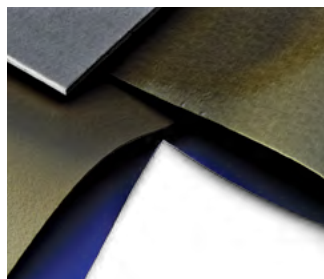
TUFshield™ Thermal Barrier

Lightweight, conformable thermal protection

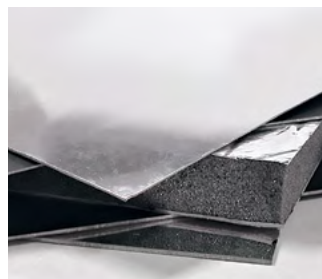
Thermal



Damping



Acoustic and Thermal



Acoustic and Thermal

