

**COST-EFFECTIVE  
SOLUTIONS FOR  
MORE COMFORT  
AND CONTROL.**

When on the road, drivers need to be alert, not distracted by loud cabin noise and uncomfortable temperatures. 3M™ Thinsulate™ Insulation helps keep the driver's cabin calm and comfortable – for the long haul.



## 3M™ Thinsulate™ insulation

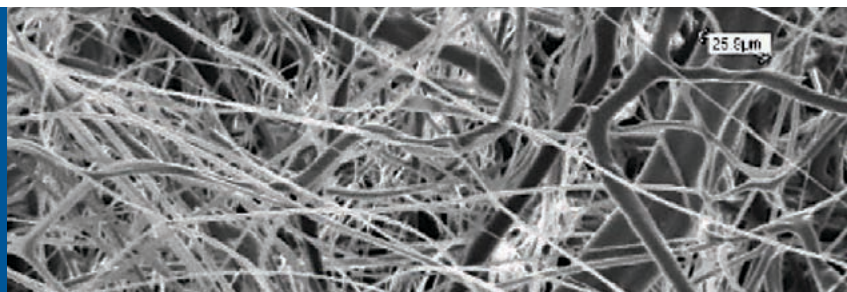
You may know the brand name from winter gloves and other cold-weather gear. But did you know the same technology can help keep you comfortable on the road? 3M™ Thinsulate™ Insulation helps create a first-class thermal and acoustic environment, for a quieter ride and more consistent cab temperature – regardless of weather.

### How does Thinsulate help your driver?

- ▶ **Quieter Trucks:** Thinsulate targets acoustic absorption in the mid-to-high frequency range to decrease the noise level in your truck. This helps provide a quieter, more comfortable ride.
- ▶ **Temperature Control:** Thinsulate's thermal properties control extreme temperatures in the cab and help conform to no-idle regulations.
- ▶ **Global Support:** Thinsulate insulation is supported globally by a manufacturing and fabrication network and Thinsulate product experts.
- ▶ **Easy to Install:** Thinsulate insulation is lightweight and easy to handle compared to fiberglass, shoddy, felt and PET.

### Features of 3M™ Thinsulate™ Insulation

- Compressible –** Fits a wide range of applications where varying thickness is highly desirable.
- Conformable –** Specifically designed to accommodate irregular spaces, such as over structural members.
- Cavity Filling –** Fills voids between trim panels and cab structure.



### Superior acoustic performance by:

- ▶ **Combo Web Process (Meltblown & Airlaid Processes Combined)**
- ▶ **Unique Nonwoven Acoustic Absorber**
- ▶ **Fine Fibers from Meltblown Process**
  - High fiber surface area
  - Provides acoustic performance
- ▶ **Large Staple Fibers from Airlaid Process**
  - Greater thickness than a meltblown web alone
  - Provides structure and loft

	SHODDY	FIBERGLASS	3M THINSULATE™ INSULATION
Sound Absorption	●	●	●
Weight	●	●	●
Global Availability	●	●	●
Design Flexibility	●	●	●
Service	●	●	●

● Strength ● Equal ● Weakness

Materials and solutions are tested and validated in our Acoustic Technology Center. For more information on our test center, please go to [www.earglobal.com](http://www.earglobal.com).

#### Technical Information

The data listed in this data sheet are typical or average values based on tests conducted by independent laboratories or by the manufacturer. They are indicative only of the results obtained in such tests and should not be considered as guaranteed maximums or minimums. Materials must be tested under actual service to determine their suitability for a particular purpose.

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