Heat resistant fibers. Applied to a quieter ride.

3M™ Thinsulate™
High Temperature Acoustic Absorbers

- Light-weight, high performing acoustic absorber that meets many OEM engine compartment application requirements
- Higher acoustic absorption performance and better heat resistance than PU foam parts
- No special handling required
- Assembly and manufacturing process friendly
**Benefits of using 3M™ Thinsulate™ High Temperature Acoustic Absorber HT Series**

- Helps OEMs meet their engine-compartment, noise reduction requirements with a high-performance, light-weight solution
- Contributed to helping OEMs reach their weight reduction and fuel consumption goals with a lighter weight product than most current engine-compartment solutions
- Less material than current market solutions is required to meet absorption targets helping enable a smaller acoustical absorption package
- Does not require special handling associated with fiberglass
- Design freedom to fit complex shapes with parts die-cut into shapes and configurations
- Minimal material degradation during OEM high-temp testing could help improve end-user satisfaction with vehicle

**Increased absorption with less weight**

<table>
<thead>
<tr>
<th></th>
<th>Fiberglass</th>
<th>PET</th>
<th>PU Foam</th>
<th>3M HT Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basis weight</td>
<td>Medium (900–1500 gsm)</td>
<td>Medium (600–1500 gsm)</td>
<td>High (300–3000 gsm)</td>
<td>Light (450–1100 gsm)</td>
</tr>
<tr>
<td>Absorption Performance</td>
<td>Poor</td>
<td>Medium</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>High Temp Resistance</td>
<td>High</td>
<td>Medium</td>
<td>Medium</td>
<td>Medium high</td>
</tr>
<tr>
<td>Moldable</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Applications**

- Outer Dash
- Engine Under Cover
- Beauty Cover
- Battery Cover

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