

DECI-TEX M: Molded, Lofted Sound Absorbers

DECI-TEX M is a molded, vertically-lapped lofted sound absorption material. Similar to DECI-TEX V, it typically combines acoustically effective facing materials with an engineered blend of carefully specified fibers. DECI-TEX M, however, is molded and offers variable dimensional thickness to meet the needs of an application where part shaping is as important as acoustic absorption.

DECI-TEX M is perfectly suited for applications like foot wells and floor silencers where the vertically-lapped construction of the materials offers a level of compression resistance that is unavailable with competitive products. In such a part, some sections will be compressed and reduced in thickness for optimal mechanical properties whereas other sections retain a loft which provides excellent acoustic performance.

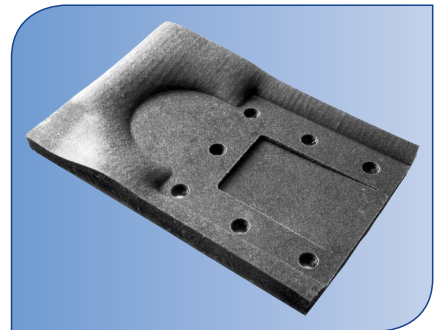
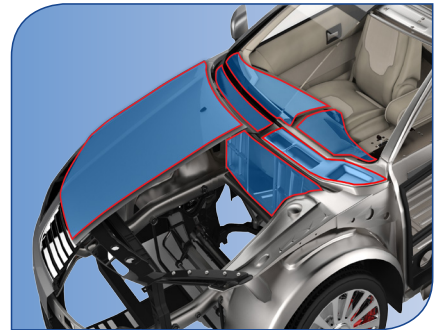
DECI-TEX M's vertical fiber orientation enables the material to optimally fill the gap in a mold, unlike other non-woven materials. This allows for DECI-TEX M insulators to offer a mass savings in addition to providing excellent acoustic absorption.

Key Product Attributes

- *Excellent sound absorption*
- *Tunability and customization of acoustic profile*
- *Lightweight versus traditional materials*
- *Reduced material utilization through design optimization*
- *Excellent compression resistance and mechanical resiliency*
- *Ease of moldability*
- *Contoured to match mating surface*

Typical Market Application Areas

- *Floor silencers / foot wells*
- *Hood and engine bays*
- *Package tray*
- *Trunk trim*
- *Dash / instrument panel*
- *Door trim*



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