

DECI-TEX V: Vertically-Lapped Sound Absorbers

DECI-TEX V is a vertically-lapped bulk sound absorption material that typically combines acoustically effective facing materials with an engineered blend of carefully specified fibers. This allows a degree of customization to optimally manage the acoustic performance for a particular application. DECI-TEX V uses multiple acoustic absorption mechanisms to deliver superior efficiency in sound absorption.

DECI-TEX V also yields significant reductions in mass and reduced material utilization compared to traditional acoustic materials because of the sound absorption efficiency of DECI-TEX.

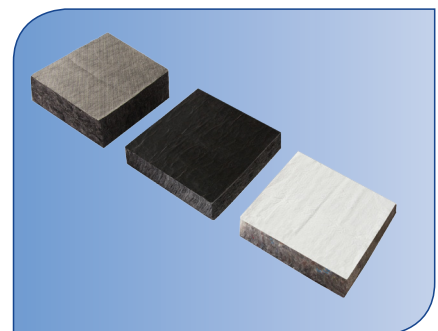
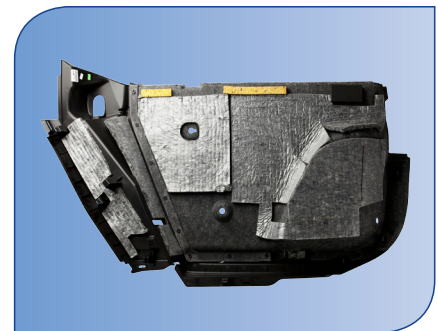
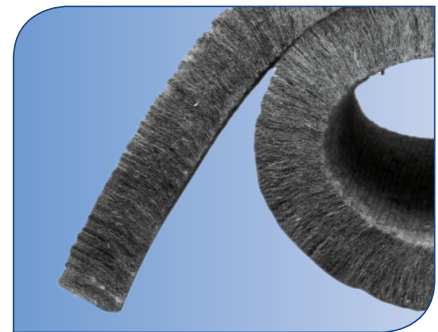
The resilience of the vertical fiber construction provides superior mechanical integrity over other forms of nonwoven insulation. DECI-TEX V is resistant to delamination and does not compress, thereby maintaining superior acoustic performance over its lifetime.

Key Product Attributes

- *Excellent sound absorption*
- *Tunability and customization of acoustic profile*
- *Initial acoustic properties maintained over time*
- *Lightweight versus traditional materials*
- *Reduced material utilization through design optimization*
- *Engineered mechanical resilience*
- *Ease of handling and application during assembly*
- *Superior environmental footprint*
- *Delamination resistant – ideal when used with PSA*

Typical Automotive Application Areas

- *Door panels*
- *Floor silencers*
- *Dash/Instrument panel insulators*
- *Headliner insulators*
- *Trunk trim/tailgate trim*
- *Engine compartment insulators*



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