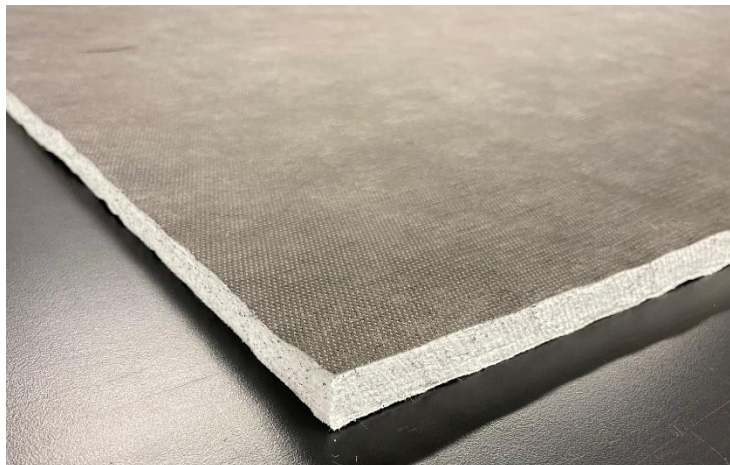


3M™ Flexile Acoustic Material FAB0910 (3M FAB0910)

Technical Data Sheet



Product Description

3M™ Flexile Acoustic Material FAB0910 solves current and future NVH-T challenges by leveraging the synergy between acoustic particles and a fibrous structure to address tire and road noise in a single layer. The thin material features both absorber and barrier properties and has excellent mid frequency absorption without sacrificing performance in high frequencies. It features one black scrim and one white scrim.

Application

The 3M FAB0910 can be used in various applications to address tire and road noise or other noises that would typically be treated by a combination of absorbers and barriers, such as wheelhouse liner and inner dash. It is excellent for use in applications with limited space that require improved absorption across a broad frequency range, >500Hz.

Typical applications include, but are not limited to: wheelhouse, liner, inner dash, quarter trim panels, consoles and pillars.

Typical Physical Properties

Note: The following technical information and data is based upon limited 3M testing conditions and should not be used for specification purposes. Data in the table below is based on roll goods.

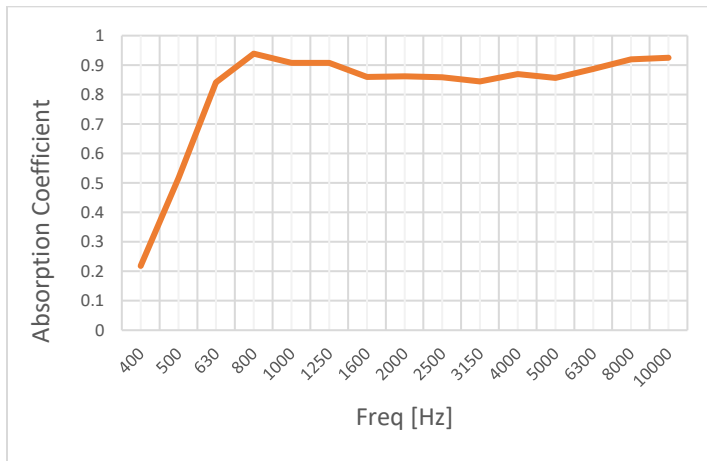
Physical Property	
Basis Weight ^A	900 gsm
Thickness ^B	12 mm
Thermal Conductivity ^C	0.0373 (W/mK)
Flammability (FMVSS302)	Pass

^A Weight is the mass per unit area of the entire absorber composite.

^B Nominal thickness is measured using a 12.125 in² plate with 0.0142 psi (= 98N/m²) applied to the sample per SAE J1355.

^C k-value is the thermal conductivity of the insulation measured at the corresponding thickness at 30°C per ASTM C518.

Random Incidence Acoustic Absorption Coefficient per SAE J2883



Note: test was performed with the black scrim facing up

Normal Incidence Transmission Loss per ASTM E2611



Note: test was performed with the black scrim facing the noise source

Regulatory Information

Please refer to the product label and Safety Data Sheet (SDS) for health and safety information before using. Observe proper handling precautions as outlined in the SDS, which is available on request or at www.3M.com/msds.

The product is published as a material entry and is available for access on www.mdsystem.com. For product IMDS I.D. number, email requests to 3M-IMDSrequest@mmm.com.

Contact Information

The information provided in this technical document is intended as a guide for these products. For more information or help in selecting a 3M product for an application, please contact your 3M technical service representative or call 1-800-328-1684.

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