

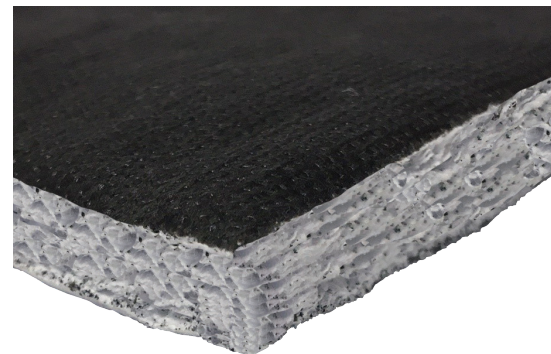


3M™ Flexile Acoustic Material KB Series

Product Description

3M™ Flexile Acoustic Material KB Series integrates both good barrier and excellent absorber performance into one lightweight product. The material properties make it a good fit for both electric and conventional commercial vehicles. 3M KB Series can be used in a variety of applications including frontwall, engine tunnel, and backwall. In addition to on road vehicles, 3M KB Series works well in industrial products ranging from construction to agriculture.

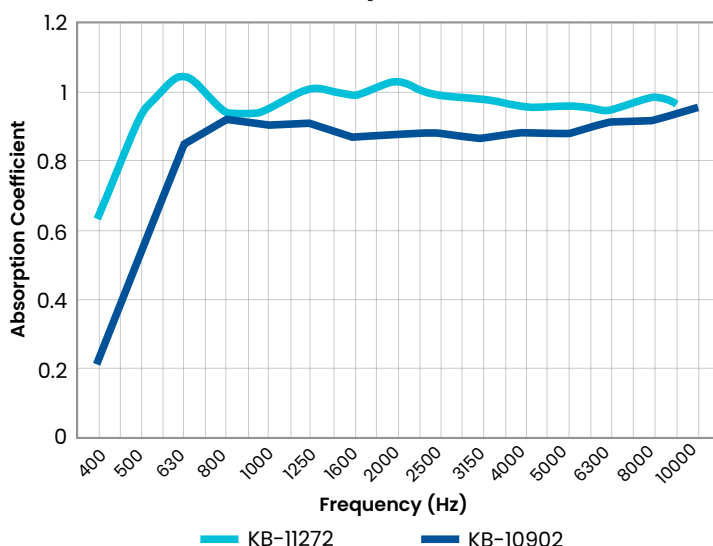
- Lightweight
- Acoustic energy dissipating
- Low profile
- Easily compressed for limited spaces



TYPICAL PROPERTIES	KB-10902	KB-11272
Composite Surface Density (gsm)	900	1270
Nominal Thickness (mm)	12	19.5
k-value, W/m·K (Btu·in/ft ² ·hr·°F)	0.0373 (0.26)	0.0359 (0.25)
R-value, m²·K/W (hr·ft ² ·°F/Btu)	0.322 (1.8)	0.543 (3.1)
Maximum Operation Temperature, °C (°F)	120 (248)	120 (248)
Flammability (FMVSS-302)	Meets	Meets
Scrim	Black/White	Black/White

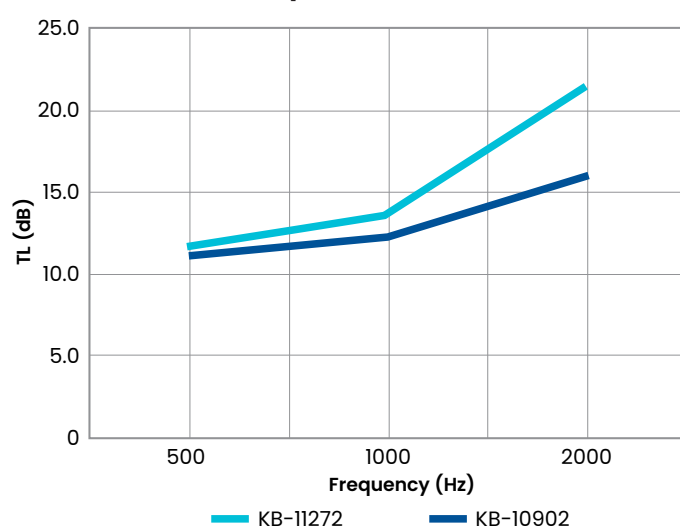
Note: Data in the table above is based on roll goods

Random Incidence Acoustic Absorption Coefficient per ASTM C-423



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.



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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