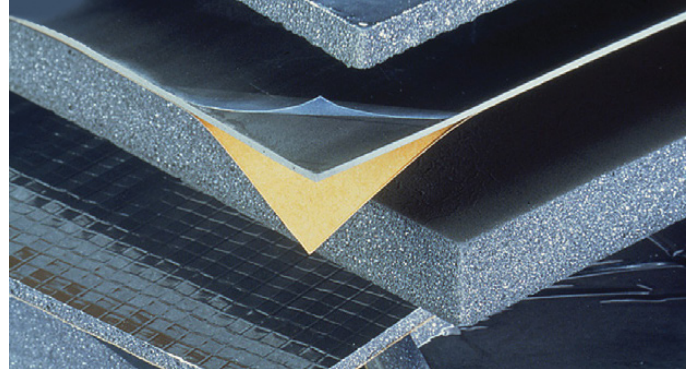


### Barrier Composites

TUFCOTE™ barrier and barrier absorber composites incorporate the sound absorption properties of TUFCOTE acoustical foams with the sound barrier properties of barrier materials to provide highly effective noise control and installation efficiency in a wide range of applications.

Easy and economical to install, barrier absorber composites are ideal for lining vehicle compartments, generator covers and machinery and equipment enclosures, where the durable facings provide protection from dirt, oil, and grease.



TYPICAL PROPERTIES	E-0-10-25	R-803-25-10-100 SM
<b>Description</b>	2-layer	3-layer
Decoupler mm (in.)	6.4 (0.25) Polyether Urethane Foam	6.4 (0.25) Polyether Urethane Foam
Barrier kg/m <sup>2</sup> (1 lb/ft <sup>2</sup> )	5 (1) Vinyl	5 (1) Urethane
Absorber cm (in.)	N/A	2.54 (1) Polyether Urethane Foam Faced with Aluminized Polyester
Thickness mm (in.)	7.6 (0.30)	36 (1.35)
<b>Weight Nominal kg/m<sup>2</sup> (lb/ft<sup>2</sup>)</b>	5.0 (1.02)	5.40 (1.10)
<b>Flammability</b> UL 94	Composite listed V-0 & 5VA	Faced foam listed HBF
<b>FMVSS-302</b>	Meets	Meets
<b>Tensile Strength kPa (psi)</b> Barrier, ASTM D638	3344 (485)	8966 (1300)
<b>Tear Strength kN/m (lbf/in)</b> Barrier, ASTM 1004	16 (92)	37 (211)
<b>Temperature Range °C (°F)</b> Recommended Service Temperature	-30 to 82 (-22 to 180)	-34 to 93 (-29 to 199)
<b>RoHS Compliant</b>	Yes	Yes

The above technical information and data should be considered representative or typical only and should not be used for specification purposes.



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### 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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