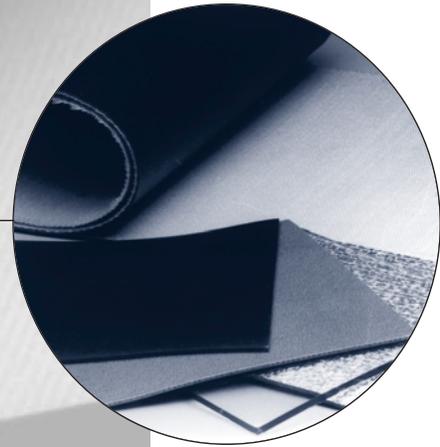


Barriers

Materials Summary Sheet

2



Offering solutions for a wide range of applications such as...

Buses and RVs



Boats



Aircraft



Heavy trucks



Farm and construction equipment



E·A·R[™]

Aero Technologies • a 3M company

Barriers

E-A-R offers a complete line of TUF COTE® sound barriers to meet the physical and performance requirements of virtually any application.

One of the most effective means to control the transmission of airborne noise, TUF COTE barriers are available in a variety of formulations, with facings that enhance ease of installation and resistance to contaminants and flame.

- Lead-free construction
- Tough, flexible and flame resistant, with excellent physical properties
- Styles available in .5, .75, 1 and 1.5 and 2 lb/ft² weights, with sound transmission class (STC) ratings from 21 to 29
- Available with a variety of facings
- Available in composite forms with acoustical foams

Typical Properties	
Property	WB-10
Description	Non-Reinforced Vinyl
Weight Nominal kg/m² (lb/ft²)	
ASTM D792	4.9 (1.0)
Thickness cm (in)	
ASTM D792	.196 (.077)
Density Nominal kg/m³ (lb/ft³)	
ASTM D792	2403 (150)
Flammability	
UL 94	Listed V-0
FMVSS-302	Meets
Canadian Stds. Assn. (CSA)	Listed 0.6 V-0
Sound Transmission Loss (dB)	
(T–tested; C–calculated)	
ASTM E90-87 and ASTM E413-87	T
@ 125 Hz	15
@ 250 Hz	16
@ 500 Hz	21
@ 1000 Hz	26
@ 2000 Hz	33
@ 4000 Hz	38
STC	26
Tensile Strength kPa (psi)	
ASTM D638	3344 (485)
Tear Strength kN/m (lbf/in)	
ASTM D1004	16 (92)
Elongation (%)	
ASTM D638	152
Temperature Range C (F)	
Peak Performance	-18C to 82C (0F to 180F)
RoHS Compliant	Yes

The data listed in this materials summary 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.

