

DESCRIPTION



Consists of:

- 1 ¾" open cell polyester urethane foam absorber
 - 2 1.0 lb/ft² PVC barrier
 - 3 ¼" open cell polyester urethane foam decoupler
- (Other barrier weights and foam thicknesses available – contact Sales for more information)

APPLICATIONS

- Custom engineered for application in a generator set compartment where a combination of low to mid frequency sound absorption and sound transmission are required.



TYPICAL VALUES

1/3. Ester Foam

Characteristic:	Typical Value:
Type:	Polyester - Open Cell
Density:	2.0 lb/ft ³
Tensile:	15 psi (ASTM D3574 Die A)
Elongation:	150% (ASTM D3574 Die A)
Thermal Conductivity:	0.27 BTU-in/hr-ft ² °F
Flammability:	UL 94 HF1

2. PVC Barrier

Characteristic:	Typical Value:
Type:	PVC
Specific Gravity:	2.5
Flexibility:	Very Limp

Composite

Characteristic:	Typical Value:
Lamination of Layers:	Thermal Bond - No Adhesives
Peel Strength between Layers:	700 g/in (ASTM D 903 Mod) (Or material destruction)
Flammability:	FMVSS 302 – Pass

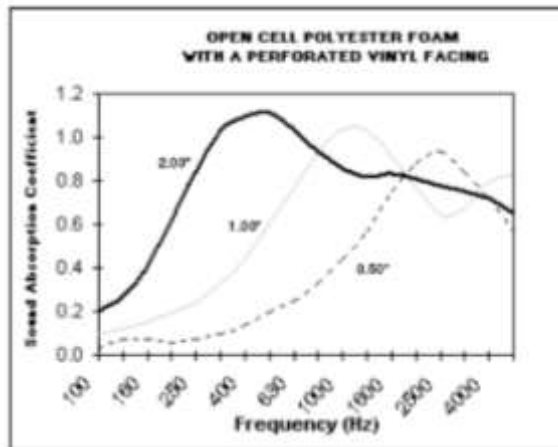
In Canada: ISO 9001:2000, Responsible Care
In USA: ISO 9001:2000, ISO/TS 16949, ISO 14001

TYPICAL TRANSMISSION LOSS VALUES (dB)

DECOUPLER TYPE	Barrier Wt. (lb/ft ²)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1/4" Open Cell Foam	1.0	15	20	27	47	64	77

SAE J-1400 on 16 Gauge Steel

TYPICAL SOUND ABSORPTION VALUES FOR CONASORB



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In USA: ISO 9001:2000, ISO/TS 16949, ISO 14001