



FROM



NOISE & HEAT ABSORBER BLACK CORE THERMO-ACOUSTIC FIBER



Control Noise & Heat

- » Engine Compartments & Vehicle Hoodliners
- » Marine & RV Applications
- » Moisture & UV Resistant
- » Heat Resistant +350°F - Self-Adhesive



AUTOMOTIVE APPLICATIONS



HOODLINER/FIREWALL

Great as a vehicle hoodliner to reduce noise levels and absorb heat. The all black material finish compliments any vehicle engine bay or installation.



BEHIND SPEAKERS

DynaCore is self-adhesive to work in hard to reach places and is as an excellent material for use behind mounted speakers to eliminate back wave distortion.



ENGINE HOUSING

DynaCore is used to line the sound-reflective surfaces inside the engine enclosures. They absorb engine heat and the sound waves created, minimizing the noise.



BEHIND SPEAKERS

Use DynaCore in any open cavity that generates unwanted noise, and for use behind mounted speakers to eliminate back wave distortion and panel noise.



RV APPLICATIONS



ENGINE HOUSING

Use DynaCore to line the surfaces inside the enclosures of power generators and air compressors. They absorb heat and the sound waves of the enclosed area.



DOGHOUSE COVER

Loud and hot RV engines can be mitigated by installing DynaCore to the inside of the engine cover or Doghouse. Layer over Dynamat Xtreme for the ultimate in reduction.



THERMO-ACOUSTIC SERIES

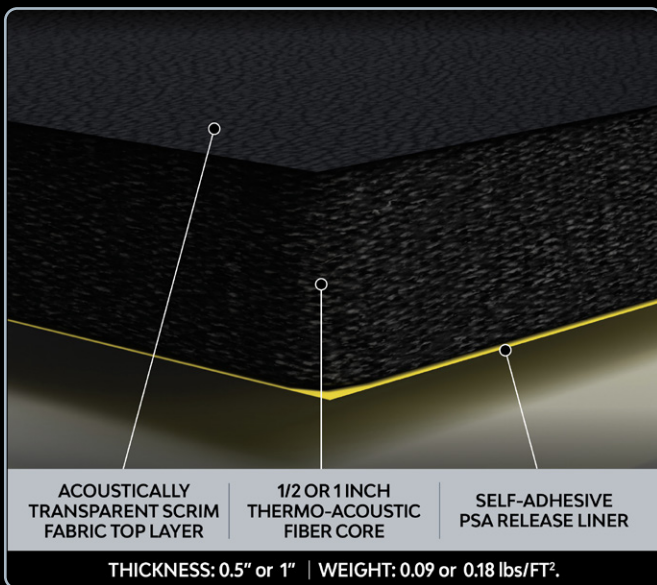
DYNACORE



FROM **Dynamat**

Dynamat® DynaCore™

DynaCore offer the unique structure needed to dissipate sound waves and absorb heat. In addition to its excellent sound absorption properties, it is lightweight, flexible, compressible, and thermally insulating. The black Fiber-based core offers excellent low-frequency absorption properties, thermal resistance up to 350° F, and compliance with UL94, MVSS 302, UL HF1, UL HBF standards.



Dynamat® DynaCore™ Thermo-Acoustic Black Fiber Barrier

**Contains: 1 Sheet
32" x 54"
12 Sq.Ft. Total**

1/2" or 1" Thick Sizes



Many More Uses

- » Machine Enclosures
- » Water Pump Housing
- » Engine Bays
- » Trucks & Heavy Machinery Cabs
- » Home Appliances
- » Medical Equipment



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PRODUCT DESCRIPTION: Fire resistant fiber with PET scrim facing

FIBER

Physical Property	Description - Value	Tolerance
Material	FR Fiber blend	
Thicknesses (nominal)	0.5", 1.0"	+/- 20%
Color	Black	
Service Temperature	-40 °F – 350 °F	
Flammability	Passes MVSS 302, UL HF1, UL HBF	
Glow wire ignition temp (GWIT)	700 °C (1292 °F)	
Glow wire flam. Index (GWFI)	750 °C (1382 °F)	

FACING

Physical Property	Description - Value	Tolerance
Material	Proprietary fiber blend	
Thickness	0.020 inch	+/- 10%
Color	Black	
Weight	1.5 oz/sy	+/- 10%
Tensile Strength – MD	113 oz/in	
Tensile Strength – CD	124 oz/in	
Chemical Resistance	Resistant to moisture, UV, and gasoline	

Compliance Features:

- **UL94 HF-1**
- **RoHS and REACH Compliant**

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ABSORPTION COEFFICIENT, NRC & SAA PER ISO 354

Frequency Hz	Sound Absorption Coefficient (1/2")	Sound Absorption Coefficient (1")
100	0.13	0.17
125	0.22	0.25
160	0.18	0.29
200	0.18	0.29
250	0.26	0.4
315	0.25	0.44
400	0.33	0.53
500	0.32	0.59
630	0.44	0.67
800	0.45	0.73
1000	0.54	0.86
1,250	0.63	0.91
1,600	0.65	0.92
2,000	0.65	0.92
2,500	0.71	0.94
3,150	0.70	0.96
4,000	0.72	0.97
5,000	0.68	0.92
NRC	0.44	0.69
SAA	0.43	0.68

