

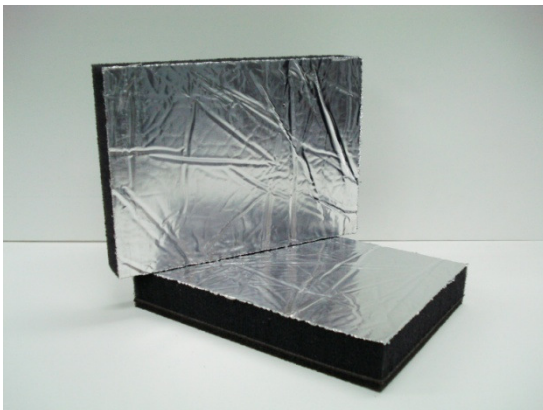
NuWave Engine Insulation

PRODUCT

NuWave™ Engine Insulation is a high performance composite material comprising of a flexible polymer barrier NuWave Base™ laminated between two layers of acoustic absorption foam finished with an aluminium reinforced foil covering.

The back foam decoupling and front acoustic absorption foam structures are made up of polyester-urethane combustion modified foam. This has been specially designed for acoustical absorption treatments and to comply with American Underwriters Laboratories Flammability Test UL94, classified 94HF-1.

The composite unique design provides enhanced acoustic transmission loss by combining a decoupled barrier thus reducing reverberant noise levels as well as sound absorption performance properties.



Description

Engine insulation comprises of the following material

- Back – Foam decoupling 6mm
- Barrier Layer – NuWave Base™ 4kgm² loaded polymer barrier
- Front – Acoustic absorption foam Polyester-Urethane combustion modified grade
- Facing – Reinforced aluminium film, oil and water resistant. Rated AS/NZS1530.3

Application

- Engine compartments for, boats, truck buses and heavy machinery
- Heavy equipment machinery enclosures
- Compressors and A/C Units
- Spa and pump motor enclosures
- Generators

Dimensions

Engine Insulation

- 32mm Thick x 1.35mtr Wide x 5mtr Roll
 - 32mm Thick x 1.35mtr Wide x 2.4mtr Sheet
- *Product can be made with adhesive backing*

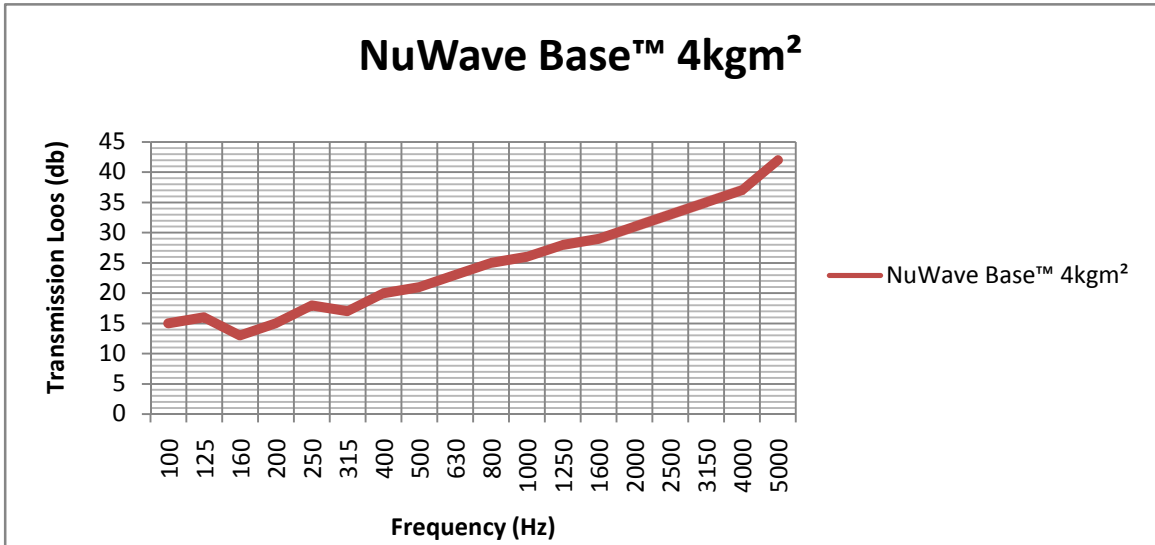
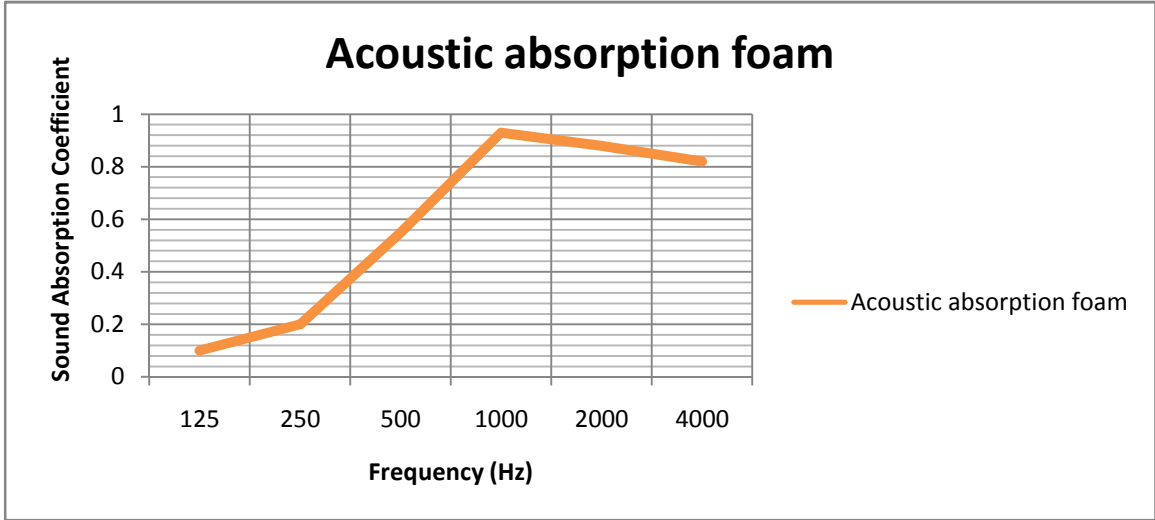
Foam Absorber

- 25mm Thick x 1.4mtr x 25mtr Roll
- *Product can be made with adhesive backing*

NuWave Engine Insulation



Acoustic Performance



Warranty Notice

Whilst all reasonable care is taken in compiling technical data relating to the company’s products, all recommendations or suggestions regarding the use of such products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer’s responsibility to satisfy themselves that the product is fit for the purpose for which they intend to use it and that the actual conditions of use are suitable. Further the company reserves the right to alter or amend the product, without notice in such way that will not adversely affect intended purpose or application



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