

Kinetics model **KINLAG** model Pipe Acoustic Lagging consists of a mass loaded limp polymer barrier combined with a decoupling material, which consists of open cell, hydrolysis resistant, convoluted polyether PU foam. This type of material combination is considered very safe and an alternative to fibre-based products which may have varying amounts of formaldehyde content and fibres that can compress and come loose over time. Acoustic pipe lagging ensures compliance with BCA and other Specifier and Building Codes' Acoustic requirements.

Construction

The unique construction of Pipe Acoustic Lagging means it acts as both a noise barrier as well as a noise absorber, thereby providing dual benefits. Its highly dense and flexible mass layer provides excellent sound reduction properties, whilst its decoupling layer breaks the vibration path between the substrate and the mass barrier, thus allowing the vinyl external wrap to remain flexible to optimize performance. The external foil facing offers a fire-resistant covering and an excellent surface to join adjacent sheets. Supplied in roll size 1.35 x 3m.

Features

- High Acoustic performance
- Highly flexible allowing fast installation times
- Very low VOC emissions
- Long lasting performance
- Cost effective

*Standard PU Foam colors: Black and Pink

Flammability / Fire Ratings

As per AS1530.3, 1999 Australian Building Codes, the product obtained below results:

Ignitability Index	: 0
Spread of Flame Index	: 0
Heat Evolved Index	: 0
Smoke Developed Index	: 5

Operating Limits

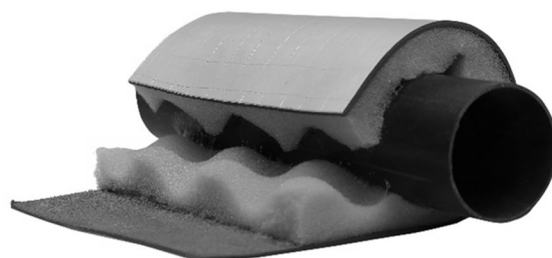
Working Temperature: -20°C to 120°C

Installation

Installation is to be carried out in accordance with **KINLAG** installation instructions.

DISCLAIMER:

The information provided is intended only as a summary and general overview on matters of interest. The information is not intended to be comprehensive nor does it constitute expert advice. KINETICS Middle East LLC shall not be liable for incidental and/or consequential damages directly or indirectly sustained, nor any loss caused by not complying with relevant industry/product standards and improper use of any KINLAG products. Due to varying construction methods, any other circumstances not stated above should be brought to the attention of KINETICS Middle East LLC for review. For suitability to the prevailing site conditions, it is advised that certified testing should be conducted. It is recommended to seek further advice on your application with our technical staff prior to use.



Usage

- Commercial Buildings—Offices
- Shopping Malls
- Hospitals
- Hotels
- Residential Apartments
- Mixed use Buildings
- Multi-Level Unit Housings
- Occupied Spaces
- Any Pipes/Ducts that requires break-out sound reduction

Typical Application

Drainage and Waste Water Pipes to reduce break-out noise

Ducting and Ventilation to reduce break-out noise

Walls & Ceiling to improve overall STC rating

Wrap around Equipment's/Machines to reduce break-out noise

Acoustic Ratings

Tested as an Acoustic Pipe Lagging wrap on 100mm PVC pipe: $Rw+Ctr = 25dB$

(Tested as per ISO 717-1:2013)