

SOUNDLAG® LW

foam-based pipe and duct lagging

Soundlag is a highly flexible foam-based composite acoustic pipe lagging product. It was developed to reduce breakout noise from wastewater pipes, valves, fan housings and ductwork in commercial, industrial and residential buildings.

The product range complies to international fire standards to meet fire safety demands in buildings. All Soundlag products are also equipped with a aluminium foil facing that achieves a Class 0 rating.

Soundlag LW provides an optimal soundproofing solution for those seeking compliance to BCA (Building Code of Australia) F5.6 requirements for habitable rooms.

The highly dense flexible mass layer delivers excellent sound reduction properties. Soundlag's decoupling layer breaks the vibration path between the substrate and the mass barrier, allowing the vinyl wrap to remain flexible - optimising performance.

Pyrotek Soundlag is available in a variety of compositions to meet customer requirement. Barrier weights are available in 3 kg/m² to 8 kg/m² with convoluted foam, plain foam, polyester or glass wool backing in thicknesses ranging from 6 mm to 50 mm.

Alternative colour options to the reinforced aluminium facing are black and white foil. These anti-glare foil colours are suitable for exposed ceiling spaces.

VOC, ODP, HEALTH AND SAFETY

Soundlag is non-toxic and safe to handle by methods prescribed in the Safety Data Sheet. No ozone depleting substances are used during the manufacture of Soundlag.

SPECIFICATIONS

Colour	Silver (Aluminium foil facing) Blue convoluted <i>(Available with black and white foil)</i>
Available	Standard roll size: 0.675 m x 5 m (2.2 ft x 16.4 ft) 1.35 m x 3 m (4.4 ft x 9.8 ft)
	Custom sizes available depending on MOQ



applications

- Wastewater pipes
- Hydraulic pipes
- Compressor and pump wraps
- HVAC
- Fan housings

features

- Class 0 aluminium foil facing
- Tested to AS/NZS 1530.3 with excellent flame resistance
- Soundlag range complies to international fire standards
- Broad operating temperature range
- Free from odour producing oils and bitumen
- Contain no ozone depleting substances
- Choice of blue convoluted foam, grey plain foam, polyester or glass wool
- Simple to install - can be cut to size
- Easy to bond - matching Tape ALR or equivalent
- Endorsed and tested by leading acoustic consultants and engineers



PRODUCT SPECIFICATIONS

Product	Standard thickness	Standard roll size	Barrier weight	Operating Temperature range
Soundlag® LW	25 mm (0.98 in)	0.675 m x 5 m (2.2 ft x 16.4 ft) 1.35 m x 3 m (4.4 ft x 9.8 ft)	3.0 kg/m ² (0.61 lb/ft ²)	Continuous: -40 to 100 °C (-40 to 212 °F) Intermittent: -40 to 120 °C (-40 to 248 °F)

Tolerances: Length: ±1%, Width: -0/+5 mm (0.2 in), Thickness: ±5 mm (0.2 in), Weight: ±10%

MATERIAL PROPERTIES

Product	Test method	Property	Report	Results
Soundlag® LW	AS/NZS 1530.3	Ignitability, flame propagation, heat and smoke release	24-000495	0,0,0,6
	BS 476 Part 6	Fire propagation	381636	Class 0 foil facing
	BS 476 Part 7	Surface spread of flame	381638	
	ASTM D5116	TVOC specific area emission rate	CV 100812	Emissions are less than the Green Star recognised threshold of 0.5 mg/m ² /hr

ACOUSTIC PERFORMANCE

Product	Test	Report	Result
Soundlag® LW	NCC BCA Volume 1 F5.6 - Sound insulation rating of internal services: Habitable room	TN492-03F02	Suitable with ≥10 mm plasterboard*
	NCC BCA Volume 1 F5.6 - Sound insulation rating of internal services: Non-habitable room		

*Please see report for further information

For further information and contact details, please visit our website pyroteknc.com

Caveats: Specifications are subject to change without notice. The data in this document is typical of average values based on tests by independent laboratories or by the manufacturer and are indicative only. Materials must be tested under intended service conditions to determine their suitability for purpose. The conclusions drawn from acoustic test results are as interpreted by qualified independent testing authorities. Nothing here releases the purchaser/user from responsibility to determine the suitability of the product for their project needs. Always seek the opinion of your acoustic, mechanical or fire engineer on data presented by the manufacturer. Due to the wide variety of individual projects, Pyrotek is not responsible for differing outcomes from using their products. Pyrotek disclaims any liability for damages or consequential loss as a result of reliance solely on the information presented. No warranty is made that the use of this information or of the products, processes or equipment to which this Information Page refers will not infringe any third party's patents or rights. DISCLAIMER: This document is covered by Pyrotek standard Disclaimer, Warranty and © Copyright clauses. See pyroteknc.com/disclaimer.

