

# SOUNDLAG™ 8025C / 8012

## acoustic pipe and duct lagging

Soundlag™ is a high-performance composite acoustic lagging product developed to reduce noise from wastewater pipes, valves, fan housings and ductwork in commercial, industrial and domestic buildings.

The highly dense and flexible mass layer provides excellent sound reduction properties, whilst the decoupling layer breaks the vibration path between substrate and the mass barrier, allowing the vinyl external wrap to remain flexible - optimising performance. The external foil facing offers a fire resistant covering and an excellent surface to join adjacent sheets.

Pyrotek® offers varying compositions with barrier weights from 3 kg/m<sup>2</sup> to 8 kg/m<sup>2</sup> and the decoupling layer with a choice of foam (plain or convoluted), polyester, fibreglass or glass wool with thicknesses from 6 mm to 50 mm.



## applications

- Wastewater pipes
- Hydraulic pipes
- Compressor and pump wraps
- Air-conditioning ducting and shrouds
- Fan housings

## SPECIFICATIONS

Colour	Aluminium facing Blue convoluted foam backing (8025C) Grey foam backing (8012)
Available	Standard roll size: 1.35 x 3 m (8025C) Standard roll size: 1.35 x 5 m (8012)
	or custom depending on MOQ

## features

- Free from odour producing oils and bitumen, resulting in low VOC
- Contain no ozone depleting substances
- Broad operating temperature range
- Reduces the noise in hydraulic and wastewater pipes by up to 25 dB(A)
- Varying range of weights and thicknesses
- Choice of foam, polyester, fibreglass or glass wool
- Can cut to size and simple to install
- Easy to bond - matching Tape ALR or equivalent
- Endorsed and tested by leading acoustic consultants and engineers



## PRODUCT SPECIFICATIONS

Product name	Standard thickness (mm)	Standard Roll Width (m)	Standard Roll Length (m)	Roll weight (kg)	Barrier weight (kg/m <sup>2</sup> )	Thermal conductivity (W/mk)	Operating temperature range (°C)
Soundlag 8025C	29	1.35	3	34	8	0.0476*	- 40 to 100 (continuous) - 40 to 120 (intermittent)
Soundlag 8012	16		5	56		-	

Tolerances: Length: 1%; Width: - 0/+5 mm; Thickness: ±3 mm; Weight: ±10%

\* Tested to ASTM C518 (report DI0324/DU01)

## MATERIAL PROPERTIES

Test method	Property	Report	Results
BS 476 Part 6	Fire propagation	381636	Class 0 foil facing
BS 476 Part 7	Surface spread of flame	381638	

## ACOUSTIC PERFORMANCE

Product	Test method	Report No.	Results
Soundlag 8025C	Insertion loss (single layer)	nss22522a	25 dB (LAFmax)
Soundlag 8012	Insertion loss (single layer)	nss22522	23 dB (LAFmax)

For further information and contact details, please visit our website [pyroteknc.com](http://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 or mechanical 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](http://pyroteknc.com/disclaimer).*

