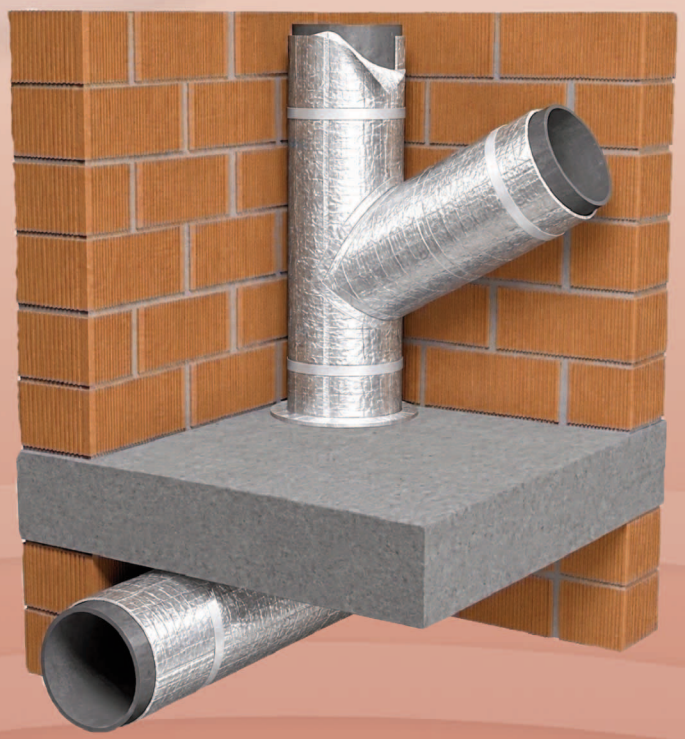
isocheck™
Pipe Shield



HIGH-PERFORMANCE LAGGING SYSTEM

- New build
- Refurbishments
- Conversions

Institute of Acoustics 50 1974-2024 Sound • Noise • Vibration
Sponsoring Organisation

QAS International ISO 9001:2015 REGISTERED COMPANY

Taking the *mystery* out of Acoustics

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One of the isomass systems range

DESCRIPTION

- Isocheck Pipe Shield is a high performance acoustic lagging system designed to reduce airborne noise from pipes, ductwork and mechanical services.
- Isocheck Pipe Shield consists of a 5 kg/m^2 dense acoustic barrier with a a flexible NBR isolation layer and reinforced foil facing, helping reduce airborne noise transmission while remaining durable, flexible and easy to install directly on site.

BENEFITS

- Reduces pipe and duct noise.
- Easily wraps around pipes, bends and complex services
- Self-adhesive for rapid installation.
- Flexible foil facing for durability

APPLICATIONS

- Suitable for soil pipes, HVAC, plant services or similar.



isocheck™
acoustic insulating products

isocheck™

acoustic lagging system

Product data

Roll size:	4.5 m x 0.5m (2.25 sq.m)
Roll thickness	Approx. 9 mm (Uncompressed)
Weight:	Nom. 6kg

SPECIFICATION

The acoustic lagging shall be:

- ❑ Isocheck Pipe Shield, supplied by Isomass Ltd. Unit 14 Papworth Business Park, Stirling Way, Papworth Everard, Cambridgeshire CB23 3GY and installed in accordance with manufacturer's instructions / recommendations.

Performance

Isocheck Pipe Shield has been tested to BS EN ISO 10140-2. Rw (C;Ctr) = 27 dB stand alone product. Ratings derived in accordance with BS EN ISO 717

Application Temperature -5°c - +40°c

Service Temperature Range -40°c - +95°c

Installation

- Measure the surface: calculate the circumference and length of the pipe or ductwork, ensuring a minimum 25mm overlap for effective installation and sealing.
- Prepare the area: ensure the surface is clean, dry and free from sharp protrusions that could damage the acoustic lagging.
- Peel back the protective liner, avoiding contact with the adhesive surface. Align the wrap around the pipe and apply. Gradually remove the liner while pulling the material taut and firmly pressing it over the entire surface





- Position the adjoining lagging sections tightly together around the pipe. Apply aluminium foil tape over the joint to ensure a secure seal and continuous acoustic barrier.





Every effort has been taken in the preparation of this sheet to ensure the accuracy of representations contained herein. Recommendations as to the use of materials, construction details and methods of installation are given in good faith and relate to typical situations. However, every site has different characteristics and reliance should not be placed upon the foregoing recommendations. Advice can be given as to specific applications of the products, upon request to Isomass Ltd.

www.isomass.co.uk

isomass® building acoustics

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