

SoundMat - Firesafe

Description / Specification:

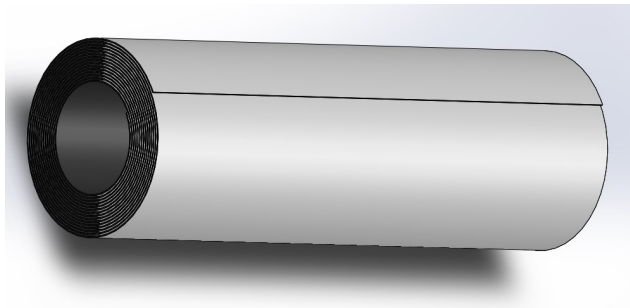
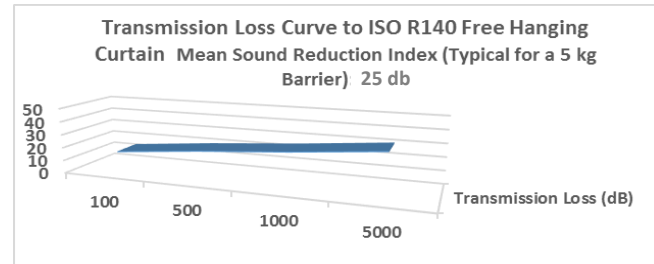
SoundMat Firesafe is a high density vinyl acoustic barrier with a reflective foil backing for enhanced fire resistance and thermal performance. SoundMat is designed to improve the sound insulation at all frequencies by reducing the transmission of airborne sound. The barrier is tested and in compliance to fire rating standards AS 1530.3—1999, ISO 3795 and FMVSS 302.

Applications:

Fire Safe SoundMat can be used as floor / ceiling mat, acoustic doors, noise curtains, cladding for pipelines and any other application where noise insulation is critical. The material is used within the oil and gas, automotive, shipping, construction and heating & ventilation industry.

Advantages

- Approved for a range of industries
- High fire rating
- Made from sustainable materials - Low environmental impact
- Available in a range of thicknesses for effective sound attenuation
- Bespoke size coils and sheets available for ease in handling
- Easy fabrication and application around components
- Available as with a self adhesive backing



Availability:

SoundMat Firesafe is available as 1 m or 1.2 m X 2 m mats in rolls as standard. Alternatively, other size and rolls can be available if requested. It can also be available with a self adhesive peel-off backing for ease in direct application on fabricated sections.

Safety:

Please refer to Product Material Safety Datasheet, available on request.

Physical Properties	Value
Colour	Black
Hardness	85 Shore A
Density	2.5 g/cm ³
Weight	5 Kg/m ² (1.0 lb/ft ²); 7.5 kg/m ² (1.5 lb/ft ²); 10 kg/m ² (2 lb/ft ²) * other weights are available on request
Tensile Strength	1.5 MPa
Elongation at Break	125%
Oil Resistance (2hrs @80 ⁰ C)	Shrinkage <3 %, no loss of integrity
Engine oil	Shrinkage < 3%, no loss of integrity
Flammability Testing	Tested to AS1530.3 - 1999 ISO 3795 B< 1.7mm/s FMVSS 302 Self Extinguishing
Operating Temperature	-20C to +93C

