

## FEATURES

- Polyethylene soundproofing foam
- Foam density of 75-95 kg/m<sup>3</sup>
- Operating temperature range of -30°C to +110°C
- Thermal conductivity of 0.036 W/mK
- Flame-retardant acoustic insulation
- Conforms to standards BS 4735, FMVSS 302, ASTM D1692, UL94-HF1 & V0, and BS476 Part 7 Class 1 & Part 6 Class O (fire propagation and the spreading of flames)

## RS PRO Polyethylene (PE) Acoustic Insulation, 1m x 1m x 12mm

RS Stock No.: 103-4073



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

These flame-retardant polyether acoustic foam tiles are used as an effective sound absorber across a broad range of applications, from aerospace to heating, ventilation and air conditioning (HVAC). These tiles come in 1-metre x 1-metre squares, which can be applied directly to large surface areas. Alternatively, you can cut the tiles to your required shape and size while maintaining their acoustic insulation integrity. The foam itself is an open-cell acoustic foam, making it flexible and robust with good mechanical strength. This means that it can be applied to curved surfaces – such as ductwork lining – or compressed to fit complex or awkward shapes.

## General Specifications

<b>Material</b>	Polyethylene (PE)
<b>Polymer Type</b>	Open cell impregnated polyether
<b>Fire Resistance</b>	Self-Extinguishing
<b>Application</b>	Machinery panelling, engine rooms or close-fit canopies.

## Mechanical Specifications

<b>Length</b>	1m
<b>Width</b>	1m
<b>Thickness</b>	12mm
<b>Density</b>	75-95 kg/m <sup>3</sup>
<b>Thermal Conductivity</b>	0.036 W/mK
<b>Burning Class</b>	Class O

## Operation Environment Specifications

<b>Maximum Operating Temperature</b>	+110°C
<b>Minimum Operating Temperature</b>	-30°C

## Approvals

### Compliance/Certifications

BS 4735, FMVSS 302, ASTM D1692, UL94-HF1 & V0,  
and BS476 Part 7 Class 1 & Part 6 Class O