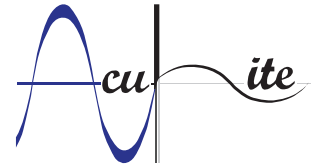


PSN 167
Product data sheet

Ref: PLA 0920

AcuLite® E45FH



Generic Description

A high performance light weight flexible material engineered to give excellent broad band sound absorption, with an emphasis on lower frequency performance.

Function

Airborne noise reduction and control, typically used :

- Behind automotive trim
- Above automotive headliners
- Within automotive instrument panels
- Wheel arch liner acoustics
- As a lining within acoustic enclosures

Component Detail

Machine cut finished parts, with optional edge sealing and optional self-adhesive systems

Material Properties

· **Acoustic performance**

The chart below shows typical acoustic absorption performance in a large scale test. The test is performed on the material from which a finished component is manufactured.

· **Physical characteristics**

Density : 610gsm
Nominal uncompressed thickness : 25mm
Polymer blend : 22%PP, 74%PET, 4%PU-R

Features

- Dimensionally stable
- Can be ultrasonically welded to substrates
- Can be supplied with clips for mechanical attachment
- Virtually no dusting after processing.
- Wide range of self-adhesives available

· **Colour**

White core fibre. Black facing textile.

· **Service Temperature**

Continuous : 100deg C
Peak (short duration) : 120deg C

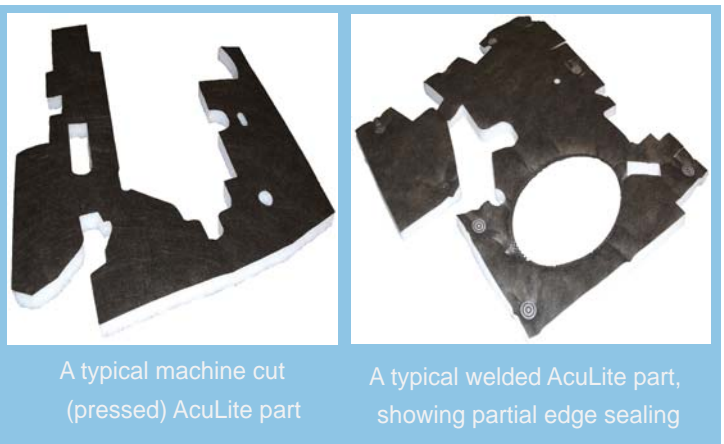
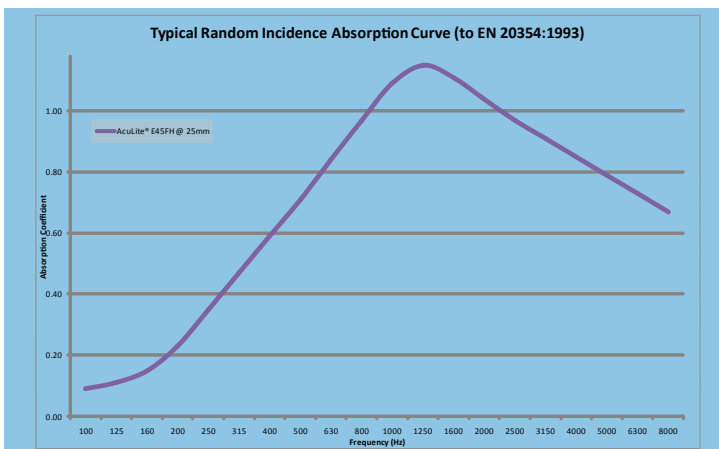
· **OEM usage**

AcuLite is currently approved and used in Europe by Nissan, Honda, Toyota, Mini, Ford, Jaguar, Land Rover, Mercedes, Aston-Martin, Renault, PSA, McLaren Automotive

Self Adhesive Availability

- SBR / Solvented Acrylic / Water based Acrylic compounds
- Scrim supported / Film supported / Transfer adhesive presentations
- Striped or solid coverage
- Silicone paper or plastic film release liners
- Ultra-low VOC emission adhesive technology available

· **Flammability : ISO 3795 0mm/min**



Authorised

Issue

2

Date

21-12-12

Pritex Ltd. is a TS16949 registered company.

The company reserves the right to alter specifications. The AcuLite name and logo are registered trademarks of Pritex Ltd.

Pritex currently tests components to a number of automotive manufacturers' specifications. We would be pleased to establish individual requirements.