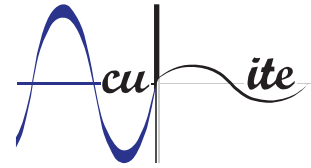


**PSN 085**  
Product data sheet

Ref: PLA 0600

**AcuLite® E45F**



**Generic Description**

A high performance light weight flexible material engineered to give excellent broad band sound absorption

**Function**

Airborne noise reduction and control, typically used :

- Behind automotive trim
- Above automotive headliners
- Within automotive instrument panels
- 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 : 525gsm

Nominal uncompressed thickness : 25mm

Polymer blend : 10%PP, 85%PET, 5%PU-R

- **Flammability : ISO 3795 .... 0mm/min**

**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. White facing textile.

• **Service Temperature**

Continuous : 100deg C

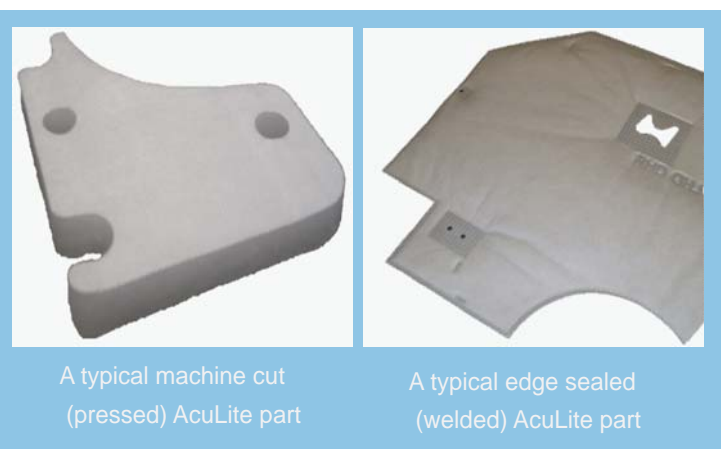
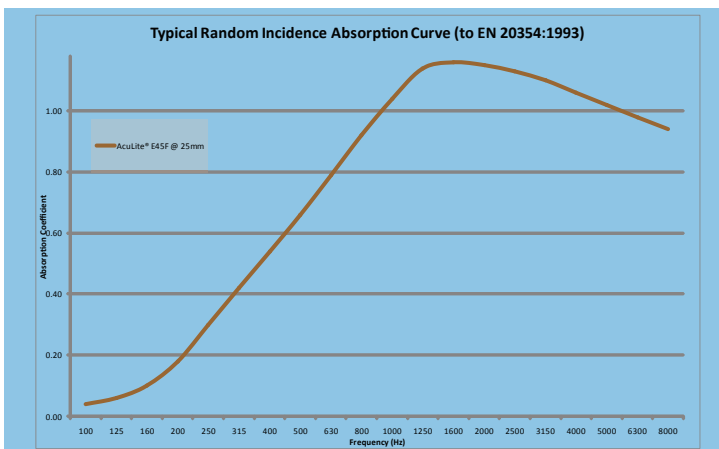
Peak (short duration) : 120deg C

• **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



A typical machine cut (pressed) AcuLite part

A typical edge sealed (welded) AcuLite part

Authorised

Issue

5

Date

20-12-12

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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.