PRITEX ...the art of acoustic control

Pritex is a leading developer and manufacturer of acoustic, thermo-acoustic and thermal insulation products for automotive applications

ACU LITE DUO E45

AcuLite Duo provides efficient acoustic performance even in limited package space.

Multilayer system to give tuned acoustic performance for both absorption and transmission loss.

Function

Airborne noise reduction and control, typically used;

- Behind automotive trim
- Within automotive instrument panels
- Wheel arch liners
- Bulkhead insulators
- Behind trunk trim
- Parcel shelf acoustics

Physical Characteristics

Nominal mass per unit area:	935gm-2
Nominal thickness:	27mm
Polymer blend:	47 % PP
	48 % PES
	5 % PU-R

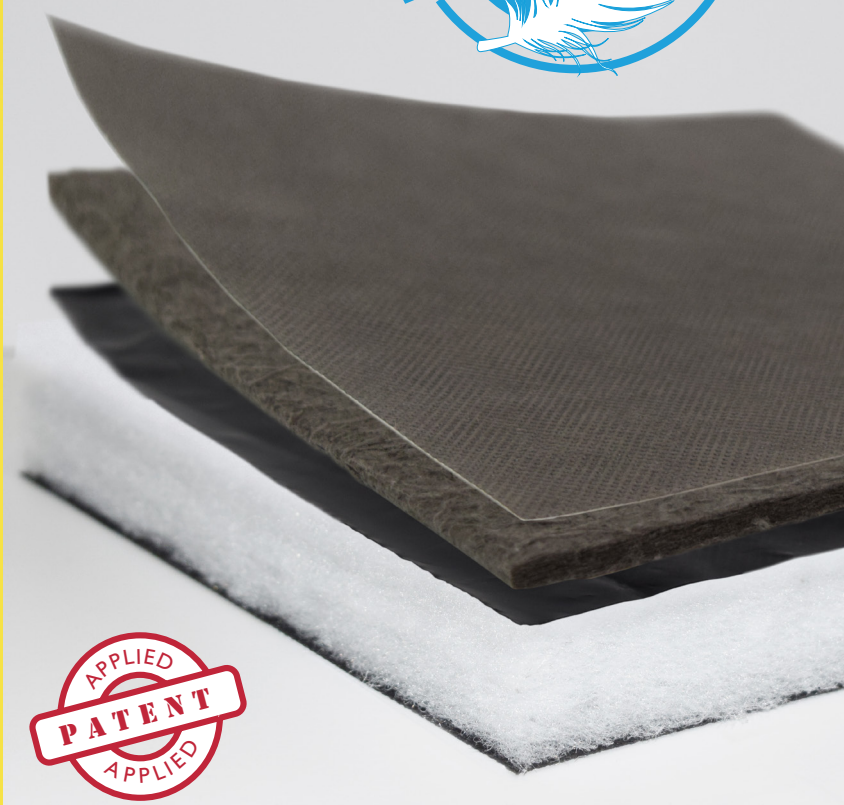
Flammability (report number AU/1851): TL1010

SE/burn-rate (before aging)	8.6 mm min-1
SE/burn-rate (after aging)	10.4 mm min-1

Leading the way in optimising dB/kg

* when tested against a comparable heavy layer and foam composite

5 times lighter* lightweight



APPLIED PATENT APPLIED

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

Component Detail

Welded finished parts, with optional self-adhesive systems.

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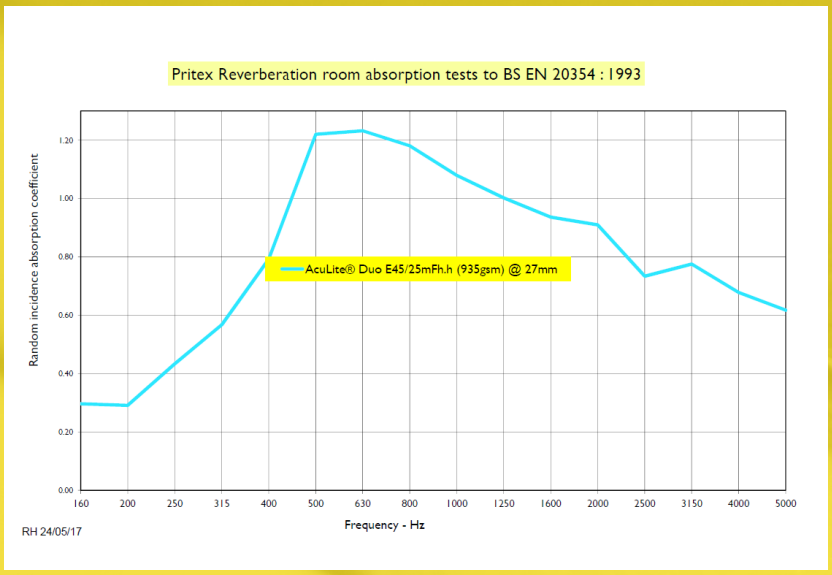
Material Properties

The charts below show typical acoustic absorption and insertion-loss performance in laboratory-scale tests. The tests are performed on the material from which a finished component is manufactured:

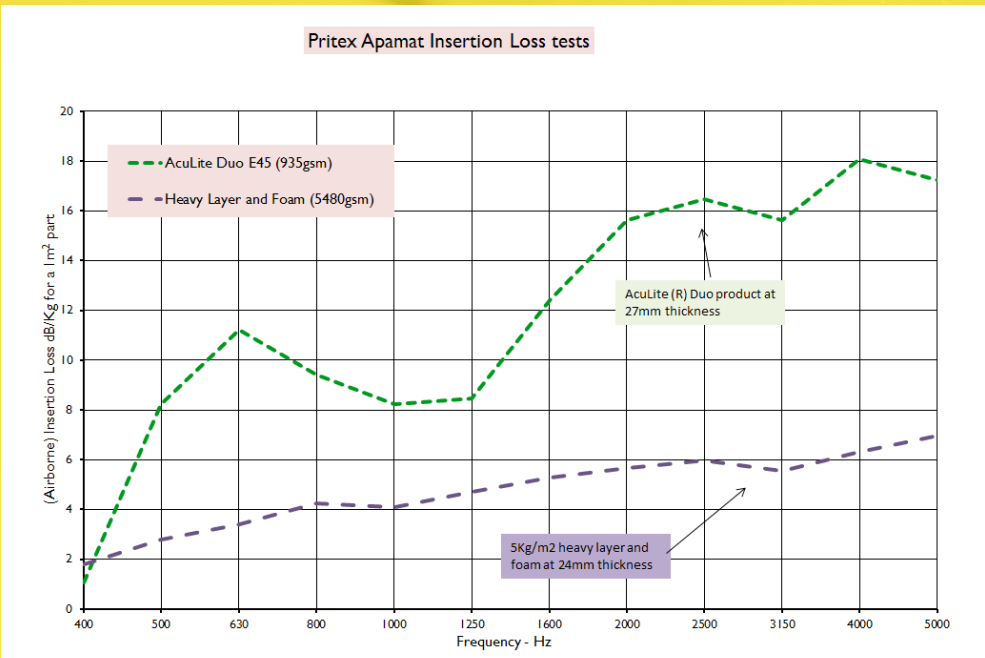


Features

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

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



Service Temperature

Continuous	90°C
Peak (short duration)	110°C

* when tested against a comparable heavy layer and foam composite

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