



THERMAL AND ACOUSTIC SHIELD



GENERAL DESCRIPTION

A light-weight, formable heatshield with excellent acoustic properties

PRODUCT HIGHLIGHTS

- Provides excellent thermal protection
- Excellent formability with cost-effective tooling
- Excellent dimensional stability of formed parts
- No low resonant frequencies and excellent acoustic barrier properties
- Sound-absorption can be improved with fiber absorbers and/or micro-perforated aluminum

MATERIAL PROPERTIES

APPEARANCE	Aluminum surface with polyester blend absorption layer
WEIGHT/AREA	kg/m ² Approx. 0.6 to 2.4
THERMAL PROPERTIES	Provides protection from a 538°C at 0.5" away
CHEMICAL RESISTANCE	Resistant to most Automotive Fluids
FLAMMABILITY	Passes SAE J369
EDGE CONDITION	Partially and Fully Hemmed

APPLICATIONS

Typical automotive applications include tunnel insulator, fuel tank heatshield and underbody shield

OTHER PROPERTIES

- Can be attached using push pins, projection studs, rivets, etc.
- Resistant to mildew
- Simple AL/polyester fiber blend construction
- Very easily formed

STANDARDS

- Ford: WSS-M99P32-D6
- Fiat Chrysler Automobilies: MS-HZ-100
- GM: GMW 16653



THERMAL PERFORMANCE

