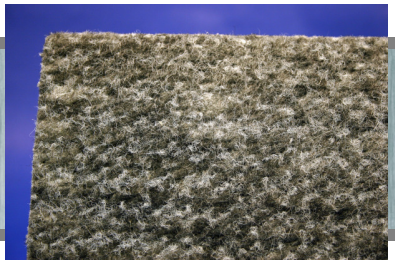
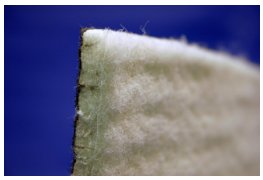
Lydall®

Thermal and Acoustical Systems

LyTherm®





LyTherm is engineered for use in a wide range of automotive applications. This product is a needle punched composite of polyester fibers with fiberglass core to withstand higher temperatures than typical automotive products.

Applications:

- Floor Covering Systems
- Battery Insulation
- Dash Assembly Systems
- Rear Seat Barriers
- Trunk / Luggage Compartments
- Localized Insulation
- Commercial Appliances

Features and Advantages:

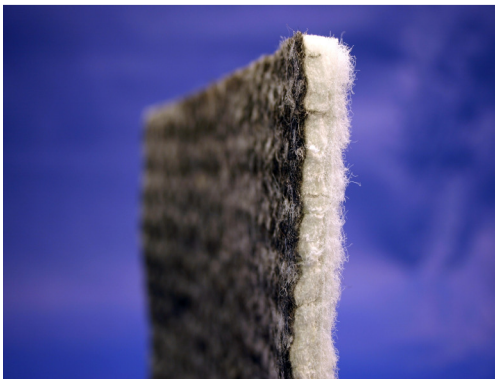
- Low tooling costs
- Short production lead times
- Wear resistant and moldable
- Utilizes recyclable materials
- Excellent compression and recovery
- Excellent Acoustic properties

Typical Properties:

MATERIAL TYPE:	Polyester & Fiberglass core material
PRODUCT SPECIFICATIONS:	MS-HZ-100-I-T1 DaimlerChrysler WSS M99P32-A Ford GM258M, TYPE 1 General Motors
THICKNESS:	0.35 inch (9 mm) to 0.75 inch (19 mm)
DENSITY:	0.70 kg/m^2
TEAR STRENGTH:	Machine Direction: 100 N/cmCross Direction: 64 N/cm
TENSILE STRENGTH:	Machine Direction: 145 NCross Direction: 141 N
BURN RATE:	Machine Direction: All samples SE Cross Direction: All samples SE
THERMAL CONDUCTIVITY (k)	24º C: 0.034 W/m/ºK 93º C: 0.043 W/m/ºK
THERMAL RESISTANCE (R)	24ºC: 0.26 m^2 ºK/W 93ºC: 0.21 m^2 ºK/W

Product Styles:

- NG111
- NG198
- LM135
- LM155
- LM175
- HD LM175



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TS16949 and ISO 14001 Certified

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