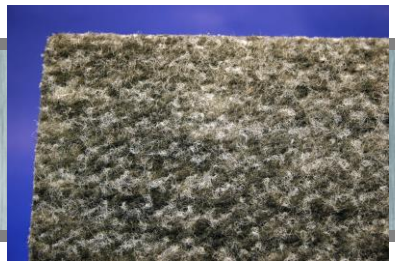
Lydall®

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:

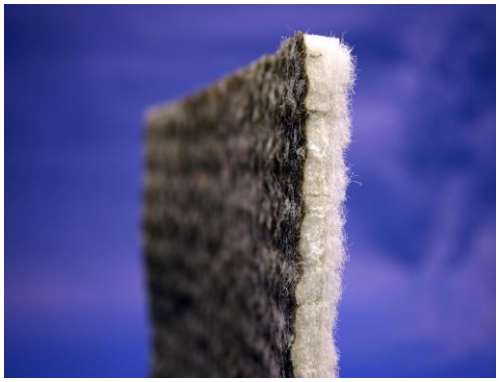
- Low tooling costs
- Short production lead times
- Wear resistant and moldable
- Utilizes recyclable materials
- Excellent compression and recovery
- Excellent Acoustic properties

Typical Properties:

MATERIAL TYPE:	Polyester & Fiberglass core material
PRODUCT SPECIFICATIONS:	MS-HZ-100-I-T1 DaimlerChrysler WSS M99P32-E1 Ford GM258M, TYPE 1 General Motors
THICKNESS:	4 mm to 19mm
DENSITY: ASTM D461	0.70 kg/m^2
TEAR STRENGTH: **ASTM D5733 / ISO 9073-4**	Machine Direction: 100 N/cmCross Direction: 64 N/cm
TENSILE STRENGTH: **ASTM D5034 / ISO 9073-18**	Machine Direction: 145 N Cross Direction: 141 N
BURN RATE: SAE J369 / **ISO 3795**	Machine Direction: All samples SE Cross Direction: All samples SE
THERMAL CONDUCTIVITY (k) **ASTM C518**	24º C: 0.034 W/m/ºK 93º C: 0.043 W/m/ºK
THERMAL RESISTANCE (R) **ASTM C518**	24ºC: 0.26 m^2 ºK/W 93ºC: 0.21 m^2 ºK/W

Product Styles:

Name	Description	Thickness (mm)	Weight (gsm)
ZL112	Fiberglass Core	4.5	550
NG111	100% PET fiber & aluminum foil	4.0	433
NG198	100% PET fiber & aluminum foil	7.4	670
LM135	Fiberglass Core	8.9	793
LM155	Fiberglass Core	15.0	1130
LM175	Fiberglass Core	19.0	1312
HD175	High Density Fiberglass Core	19.0	1770



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TS16949 and ISO 14001 Certified

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