L&L Products®



EFS™
ENGINEERED FIBER SOLUTIONS

ENGINEERED FIBER SOLUTIONS FOR SUPERIOR THERMAL PERFORMANCE.

EFS™ Thermal fiber-based materials are engineered into customer-specific solutions. The parts are designed for optimal thermal performance, process optimization (ease of installation), and improved aesthetics and comfort for interiors and exteriors in automotive applications.

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EFS™

ENGINEERED FIBER-BASED TECHNOLOGY WITH SUPERIOR THERMAL PERFORMANCE.



EFS™ Thermal solutions are fiber-based high-temperature thermal or thermo-acoustic platforms that are engineered to suit a wide range of customer-specific applications. The multilayer, high-temperature resistant insulation solutions are engineered to suit a wide range of thermal or thermo-acoustic applications and functional requirements. Available in both rigid (metallic solution) and flexible casings for excellent heat resistance and improved heat/temperature retention.

KEY PRODUCT ATTRIBUTES.

EXCELLENT PERFORMANCE
- Excellent thermal performance & resistance to high temperatures
- Excellent acoustic performance
- Maintains loft over time, low shrinkage
- Compression performance & wear resistance

DESIGN FLEXIBILITY
- Customizable fiber blends, densities and thickness
- Secondary processing includes thermoforming, composite layup & die-cutting
- Enables lightweighting

MATERIAL PROPERTIES
- Odorless
- Fire resistant
- Water & chemical resistant
- Recyclable

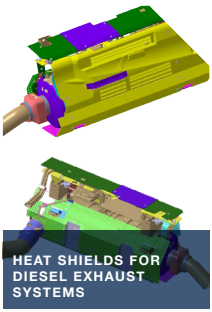
APPLICATIONS.



HEAT SHIELDS



BATTERY THERMAL INSULATION



HEAT SHIELDS FOR DIESEL EXHAUST SYSTEMS



UNDER HOOD & UNDER FLOOR INSULATORS

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