

Thermal Acoustic Blanket Insulation Solutions for the Power Generation Industry

Pre-engineered thermal acoustical insulation system designed to minimize insulation maintenance, improve engine performance and improve the surrounding work environment.

Eliminates the problems associated with conventional cement block insulation in which heat is readily conducted through the solid parts of the walls such as block webs and joints.

Removable and reusable. Blanket pieces can be installed and removed using in-house personnel. By following an installation assembly drawing, blanket pieces can be installed in tag number sequence.

Custom fit, through CAD/CNC technology allowing versatility in equipment coverage. Varying blanket designs will accommodate operating temperatures to 1500°F (815°C). Our exact fit approach assures a high quality reusable system.

Many Products / Many Solutions which are application specific to meet the exact requirement. Shannon's library of proven design specifications are ASTM / ISO and UL tested to meet industry standards, assuring quality and performance. Each blanket specification will accommodate Thermal, Acoustic and Safety performance unmatched in the industry to assure a 15 year service life.



ENGINE DR TLA6 ENGINE EXHAUST TURBOCHARGER
Thermal Blanket Design: HT1100MSGM-2" Thickness



**ENGINE EXHAUST
VERTICAL SILENCER THERMAL**

Acoustic Blanket Design:
HT1100MSGM – 2" thickness
Performance: 8dBA Reduction



36" NATURAL GAS PIPELINE

Acoustic Blanket Design: LT450A-TT - 1 1/2" Thickness
Performance: 12 DBA Reduction



GAS TURBINE EXHAUST & CATALYTIC CONVERTER

Design: HT1100MSGM - 2" thick - Wiretwist Fasteners



DEHY HEATER PROCESS SKID

Thermal Blanket Insulation Design: LT450TT - 1" Thickness (Freeze Protection)

Advantages

- Easy access for inspection, service, repair
- Remove and reuse repeatedly
- Self-contained insulation system
- Integral fasteners for installation ease
- Custom fit to field conditions
- Vibration resistant
- Can reduce harmful noise (4 - 15 dBA)

Applications

- Exhaust Piping
- Exhaust Flanges
- Exhaust Manifolds
- Turbo Charger Cases
- Expansion Joints
- Exhaust Cones
- Bypass Piping
- Exhaust Housings



MULTISTAGE STEAM TURBINE
Thermal Blanket Insulation Design:
HT1100MSGM - 2" Thickness