Exhaust Pipe Insulation Jacket

Custom fabricated Exhaust Pipe Insulation Jacket systems for engine and generator exhaust components such as mufflers, turbo-chargers and pipe feature high temperature capability, reduction of thermal radiation and convection within the engine room and sound reduction. Often used for marine powerplants & generators and stationary backup power systems for industrial, commercial and municipal installations.

A thick needled fiberglass or silica insulation is mechanically supported by a stainless steel or inconel mesh and an outer fabric of either silicone rubber coated fiberglass, aluminized fiberglass or silica. Fiberglass is suitable for most non-turbocharged reciprocating engines. Silica may be required for turbo-charged engines and is required for gas turbine engine applications.

Insulation Jacket is specially designed for exhaust piping, elbows allowing for hangers/brackets, flanges, clamps, etc. We also makes special blankets for flex connectors, bellows and expansion joints. The insulation materials used allows for contraction, expansion and vibration.

Removable blanket sections are assembled with either locking wire or spring clips with stainless hook fasteners or mushroom cap rivits mounted on the fabrics.