



THERMAL MANAGEMENT

# ThermoJacket® M

## Product Highlights

- Operating temperature up to +1100°C (2000°F)
- Hard Cover resistant to stone impingement
- Open concept to be wrapped around the component
- Excellent thermal insulation
- Durable
- Conforms to component
- Attachment methods can be provided

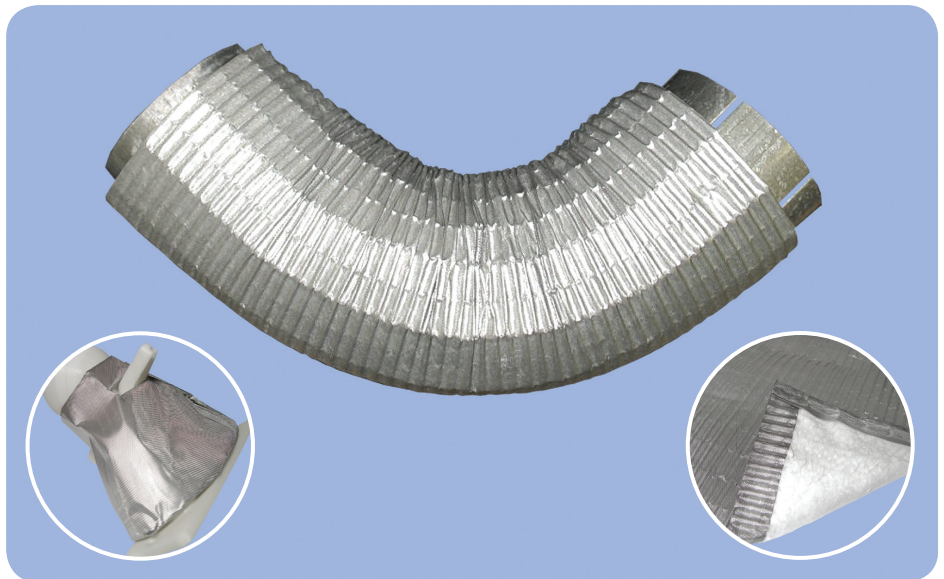
## Typical Applications

- Exhaust gas recirculation (EGR) tubes
- Exhaust system components



Our manufacturing sites are certified ISO 9000, QS 9000 or ISO/TS 16949 and ISO 14001

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**ThermoJacket® M** is an assembly of an inner layer of silicat mat and an outer cover made of stainless developed to provide a durable insulation of high temperature exhaust systems. Designed with silicat fibers, ThermoJacket M can withstand temperatures up to +1100°C.

The high degree of insulation provided by ThermoJacket M enables exhaust gas to maintain temperature as it moves through the exhaust system. Maintenance of exhaust gas temperature is important in order to ensure complete conversion of exhaust gas and particulates. Complete conversion is necessary to meet the increasingly strict emission regulations set in place by government mandates.

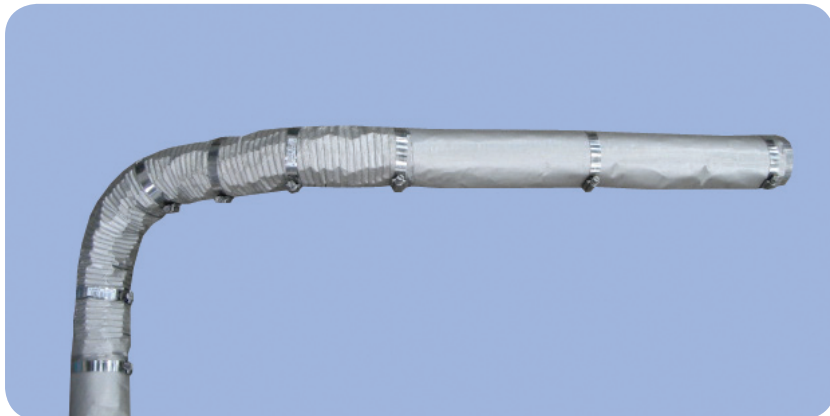
Additionally to its containment aspect, ThermoJacket M also protects nearby components from an excess of heat by working as a flexible heat protection.

ThermoJacket M's innovative design can be manufactured in many sizes and length to fit your application. ThermoJacket M can also accommodate, through customized designs, flanges and bends typically seen on exhaust system components.

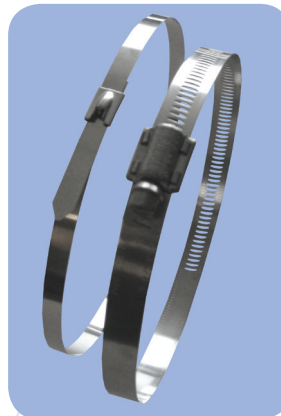
To complete the product offer, optional attachment methods can be provided.

# Performance Data – ThermoJacket® M

Property	Test Method	Result
<b>PHYSICAL</b>		
Thermal Endurance	BH 100-521	Pass - No degradation
Cold/Wet Endurance	BH 100-522	Pass - No degradation
Flammability	FMVSS 302 D45 133	No ignition Type A - No ignition
Vibration	ASTM D4728	Pass - No degradation
<b>MECHANICAL</b>		
Stone Impingement	SAE J400	4C Rating
<b>CHEMICAL</b>		
Fluid Resistance 50/50 Antifreeze/Distilled Water 5% NaCl Transmission Fluid Diesel Fluid LSRD-4 ASTM Reference Fuel C SAE 5W30 Brake Fluid SAE RM-66 Power Steering Fluid Windshield Washer Fluid	BH100-003F	No degradation or loss of flexibility
<b>RESISTANCE TO WASHING</b>		
Power Washing Test	Internal test method	No degradation



Exhaust Pipe for a Class B Motorcoach



Attachment mechanisms supplied or integrated with our solutions

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