

HILEXH Fibreglass Exhaust Heat Wrap 50mm x 3mm WHITE

Specification

Product name: HILEXH Fibreglass Exhaust Heat Wrap 50mm x 3mm WHITE

Part Number: HILEXH-50.0-3.0-9-CLS

An exhaust heat wrap's main function is to control and lessen the amount of heat that the exhaust system emits.

The gases stay hotter for a longer period of time because the exhaust system retains the heat. Faster evacuation of the hotter gases from the system lowers back pressure and increases production of horsepower and torque.

By installing a high-quality exhaust wrap, you can keep the heat inside the pipe and significantly lower under-bonnet temperatures—up to 70%.

Maintaining low under-bonnet temperatures will lower intake temperatures; cooler, denser air will result in more power!

- **Increased engine performance**
- **Reduces under bonnet temperatures**
- **Enhanced fuel efficiency**
- **Resistant to most oils, hydraulic fluids, fuels, acids and alkalis.**
- **Protects components and body work from extreme heat**
- **Extreme thermal protection up to 3002F**
- **Working temperature: 1202F duration, can withstand 1994F for 15-20 seconds, can withstand 3002F for 15-30 seconds**

All you need for insulating exhaust downpipes and manifolds and fitting them securely in place! Using an exhaust heat wrap offers several benefits for both performance enthusiasts and regular vehicle owners.

Here are some of the advantages of using an exhaust heat wrap:

Heat Management: The primary purpose of an exhaust heat wrap is to manage and reduce the amount of heat radiating from the exhaust system. By wrapping the exhaust pipes and headers, the heat is contained within the exhaust, reducing the heat transfer to other components in the engine bay and nearby areas. This helps in lowering the overall temperature in the engine compartment and prevents heat-related issues.

Improved Performance: By keeping the heat within the exhaust system, the exhaust gases stay hotter for longer. This helps in maintaining the exhaust gas velocity and scavenging effect, which improves engine performance. The hotter gases exit the system faster, reducing backpressure and enhancing horsepower and torque output. Additionally, a cooler engine bay also promotes better overall performance by reducing heat soak and preventing power loss due to high temperatures.

Protection of Surrounding Components: The high temperatures generated by the exhaust system can potentially damage nearby components, such as wiring, hoses, and sensitive sensors. Heat wrapping the exhaust pipes acts as a barrier, protecting these vulnerable parts from excessive heat exposure and potential failure. It can also prevent heat-related issues like vapor lock, which can affect fuel delivery and engine performance.

Enhanced Fuel Efficiency: When the exhaust gases flow smoothly and efficiently through the exhaust system, it can improve fuel combustion and increase fuel efficiency. By reducing backpressure and maintaining exhaust gas velocity, an exhaust heat wrap promotes better scavenging of exhaust gases, resulting in improved engine efficiency and potentially better gas mileage.



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Reduced Heat Soak: Heat soak refers to the phenomenon where the surrounding components and engine bay absorb and retain heat even after the engine has been turned off. Heat wrapping the exhaust system helps in reducing heat soak by containing the majority of the heat within the exhaust pipes. This can help in quicker cool-down times and prevent heat-related issues during subsequent engine starts.

Provided in a flat, bandage-like condition, HillexH Heat Wrap is designed to be wrapped tightly around the exhaust, allowing a better gas flow and therefore higher performance!

Features & Benefits:

- Increased engine performance
- Reduces under bonnet temperatures
- Enhanced fuel efficiency
- Resistant to most oils, hydraulic fluids, fuels, acids and alkalis.
- Protects components and body work from extreme heat
- **Extreme thermal protection up to 3002F**
- Working temperature: 1202F duration, can withstand 1994F for 15-20 seconds, can withstand 3002F for 15-30 seconds.

Technical Datasheet	
Material	Fibreglass Yarn
Working Temperature	1202°F duration, can withstand 1994°F for 15-20 seconds, can withstand 3002F for 15-30 seconds.
Extreme thermal protection	Up to 3002°F
Flammability	VW-1
Melting Point	+1999.4°C
Standard Colour	White
Standard Thickness	3.0mm

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