



# Firwin HC

## Hard-Coat Insulation for Engine Parts and Exhausts



### Advantages:

Conforms tightly to part

- Can be used in limited space applications
- Prevents fluids from igniting on hot engine and exhaust parts

High temperature performance: Ideal for engine compartment components requiring long-term exposure to high temperatures.

Non flammable

Protects personnel from burns

Lowers ambient temperature - cooler engine compartment, less heat stress on operators and maintenance personnel

More durable and long lasting than removable insulation blankets - not prone to tearing, does not become brittle over time.

### Applications:

Exhaust Manifolds, Turbochargers, Elbows, and Exhaust Tubing.

### Industries:

Mining, Marine, Defense, Agriculture/Forestry.

Find out more at [www.firwin.com](http://www.firwin.com) - [firwin@firwin.com](mailto:firwin@firwin.com)



## Performance Data:

Based on independent field testing. Exhaust temperature 1072°F (578°C). CAT C6.6 Engine

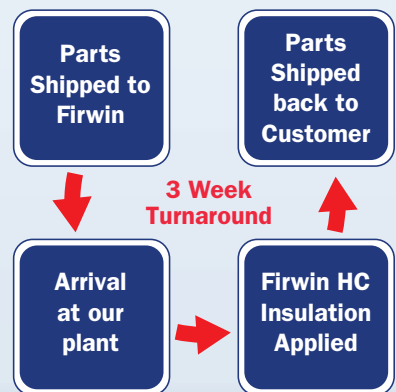
| Part                               | Measured Temperature            |
|------------------------------------|---------------------------------|
| Turbo Flange (Casting) - Uncovered | 600° F (315°C)                  |
| Turbo Insulated with Firwin HC     | 120° F (48°C) to 250° F (121°C) |
| Manifold Insulated with Firwin HC  | 135° F (57°C) to 250° F (121°C) |

## Specifications:

- High heat resistant composite material
- Hard Exterior
- Lightweight

## Fast Turnaround:

Most parts insulated and shipped back to you within 3 weeks of arrival at our warehouse.



**firwin**  
We've Got You Covered

## Contact Firwin

**Toll free: 1-877-FIRWIN7 (347 9467)**

### Canada West

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### Canada East

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## Your Local Representative

