Firwin HC
Hard-Coat Insulation for Engine Parts and Exhausts

Applications: Exhaust Manifolds, Turbochargers, Elbows, and Exhaust Tubing.

Industries: Mining, Marine, Defense, Aerospace

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.
Performance Data

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

<table>
<thead>
<tr>
<th>Part</th>
<th>Measured Temperature</th>
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</thead>
<tbody>
<tr>
<td>Turbo Flange (Casting) - Uncovered</td>
<td>600° F (315° C)</td>
</tr>
<tr>
<td>Turbo Insulated With Firwin HC</td>
<td>120° F (48° C) to 250° F (121° C)</td>
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<tr>
<td>Manifold Insulated With Firwin HC</td>
<td>135° F (57° C) to 250° F (121° C)</td>
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</tbody>
</table>

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.

Parts Shipped to Firwin → Arrival at Our Plant → Firwin HC Insulation Applied → Insulated Part Shipped Back To Customer

3 Weeks