

# Thermal Insulation Blankets



**Protect and insulate people and equipment against temperatures up to 2300°F**

**HITCO CARBON COMPOSITES, INC.** is a world leader in the design and manufacture of specialty insulation components fabricated from a wide range of high temperature fabrics, non-wovens and metal foils. The design of insulation products can be tailored to customer specifications, drawing upon our extensive experience with both metallic and non-metallic insulation materials to optimize:

- ◆ Thermal performance
- ◆ Acoustic performance
- ◆ Weight reduction
- ◆ Durability
- ◆ Size
- ◆ Cost

Our experience with high-quality, custom insulation products was forged in the aerospace industry, then quickly diversified into a broad spectrum of markets that include:

- ◆ Aircraft
- ◆ Chemical Processing
- ◆ Personnel Safety
- ◆ Foundry & Forging
- ◆ Heavy Industrial
- ◆ Power Generating
- ◆ Automotive
- ◆ Basic Metal Processing

## Products and Applications

### Heat Shielding

- ◆ Protective Shrouds
- ◆ Firewalls
- ◆ Splash Shields
- ◆ Electrical Control Covers
- ◆ Fire Penetration Seals
- ◆ Oven/Furnace Blankets & Covers
- ◆ Door & Access Port Covers for Boilers, Furnaces & Engines

### Heat Containment

- ◆ Heat Exchangers
- ◆ Steam Line Insulation's
- ◆ Valve/Flange Covers
- ◆ Manifold Covers
- ◆ Exhaust Systems
- ◆ Hydraulic/Pneumatic Line Wraps
- ◆ Welding Blankets
- ◆ Slow-Cool Blankets
- ◆ Stress Relieving Pads

## Fabrication Techniques

- ◆ Coated & Aluminized Components
- ◆ Metal Foil Forming
- ◆ Metal-Clad Blankets
- ◆ Vacuum-Cured Composites
- ◆ Non-Metal Composite Blankets
- ◆ Texturization
- ◆ Molded Shapes
- ◆ Die Cutting
- ◆ Sewn-Cloth & Non-Woven

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