



**Mid-Mountain Materials**

## THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

### THERMOPAK® PIT COVER BLANKETS AND FRAMES

Mid-Mountain Materials, Inc. manufactures a comprehensive range of sealing and insulating components used in both open top and closed top style carbon baking furnaces. THERMOPAK® Pit Cover Blankets and Frames are designed to achieve maximum sealing and insulating performance, improve plant health and safety by eliminating refractory ceramic fibers with frames designed for easy and quick movement. These covers eliminate the need for other types of covering such as vermiculite which consume too much crane time or excessive mounding of coke. Some of the features and benefits of THERMOPAK® Pit Cover Blankets and Frames are mentioned alongside the photo below.



Pit Cover Blankets and Frame covering one full section on open top furnace.

- **THERMOPAK® Pit cover blankets are designed to cover the individual baking pits with openings for all necessary furnace operational items such as burners, draft probes and exhaust port openings.**
- **Supported and moved by 2 frames per full section.**
- **Dramatically reduces air in leakage in zones under negative pressure.**
- **Raises the heat gradient in the pits by reducing air in leakage and improving overall insulation of the pits. This in turn gives a better bake on the top layer of Anodes.**

- **When used with a comprehensive program of effective seals and insulating components can reduce firing cycles on your furnace, improving productivity while at the same time reducing costs.**
- **Frames are re-usable. Only the blankets themselves are replaced over time. Frames can be broken down for easy storage in a small space.**
- **Use of THERMOPAK® Pit Cover Blankets keeps the heat in the pit and out of the furnace room, and considerably improves the working environment for all.**

THERMOPAK® Pit Cover Blankets and Frames are part of a family of sealing and insulating products manufactured by Mid-Mountain Materials, Inc. to optimize your furnace's operation through effective draft control and improved insulation. Other products for carbon bake furnaces include, exhaust port covers, exhaust manifold flexible leg boots, cooling manifold boots, leg seal gaskets, burner gaskets, draft probe gaskets, side main donut gaskets, side main snake gaskets, side main top seal cloths, side main flex leg connectors, flue end seals, pit corner tight packing seals, pit cover blankets and tarps, ECL crane boots, temporary seals, moldable materials and rolled plastic.