UniVest®
Insulation Systems

YOU'RE ALWAYS IN THE GREEN!

UniVest® Insulation Jackets are cost-effective thermal insulation systems that help improve facilities in a variety of ways by minimizing costs and establishing greater operational stability. UniVest® Insulation Jackets are removable/reusable for easy installation, easy installation, removal and reinstallation. This makes access to equipment and applications simple. These collective advantages allow you to save on energy costs while reducing your organization's overall carbon footprint.

- UniVest® Insulation Jackets create a **SAFER WORKING ENVIRONMENT** for your employees and increase your equipment lifespan by protecting key components from high temperatures.
- UniVest® Insulation Jackets are made with **STANDARD, READILY AVAILABLE, OFF-THE-SHELF COMPONENTS** that can be easily configured for any custom requirement.
- UniVest® Insulation Jackets are **COMPLIANT WITH OSHA SAFE-TOUCH STANDARDS** for exposed heated surfaces to avoid the potential for an injury.
- UniVest® Insulation Jackets deliver an **INCREASED CONTROL OF PROCESS TEMPERATURES** to enhance production capacity by reducing the amount of energy needed to keep equipment running at high temperatures.

UniVest® Insulation Jackets Are Constructed in Three Layers:

- The primary inner layer (hot face) is made of Silica cloth (1800ºF).
- The middle layer is made of high-density ceramic fiber (2000ºF).
- The outer covering layer (cold face) is made of PTFE-coated fiberglass cloth (550ºF).

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» **Using UniVest® Insulation Systems IN ...**

The market sectors with attractiveness for waste heat recovery include:

- Plastic Processing
- Gas Pipeline Compressor Stations
- Oil and Gas Extraction
- Petroleum and Coal Products Manufacturing
- Cement Plants
- Chemical Plants
- Ethanol Plants
- Pulp and Paper Mills
- Steel and Metal Manufacturing and Refineries
- Glass Manufacturing and Melting
- Incinerators
- Brick Manufacturing
- Artificial Synthetic Fibers, Rubber and Resin Manufacturing

» **Using UniVest® Insulation Systems ON ...**

Some of the potential sources of waste heat include:

- Process Heaters
- Furnaces, Ovens or Kilns
- Conductive, Convective and Radiative Losses From Hot Equipment Surfaces
- Conductive, Convective and Radiative Losses From Heated Product Streams
- Natural Gas Pipeline Compressor
- Other Natural Gas- or Oil-Fired Turbines
- Reciprocating Engine Exhaust
- Furnaces, Air Compressors and Internal Combustion Engines