

Case Study

Flexible Films Manufacturing Plant

UNI THERM | we mean green
insulation systems

Respected Oklahoma plastics plant saves 5% of total energy consumption with UniTherm Insulation Systems

“*I have found that the blankets are very durable, easily removed and reinstalled when access to insulated equipment is needed. In the rare instance that a replacement blanket is needed, just supply the part number of the blanket to Unitherm and they will take care of the rest. The people at Unitherm have been very good to work with and willing to meet your needs.*”

**Maintenance Manager
Plastics Manufacturer
Pryor, Ok.**

Background

A plastics manufacturer for more than 40 years, this industry veteran began with a simple vision: to become the leading packaging manufacturer in the US. That vision has been realized and exceeded, and expanded to a global focus.

The manufacturer has grown to include four divisions. Its Oklahoma facility is a Flexible Films plant with over 20 blown and cast film lines.

Objective

A Pryor, Oklahoma facility wanted to reduce energy consumption and reduce the ambient air temperature near their equipment.

Solutions

Their maintenance manager turned to UniTherm Insulation Systems to insulate blown film dies and extruders for his 23 lines.

Success

The facility has seen a 5% reduction in electricity consumption and also enjoys a 15 degree ambient air temperature reduction in the areas near their machines.

One heat zone of bare metal pipe was drawing 5.4amps before insulation. After UniTherm Insulation Systems were installed that amp draw was 2.2amps - which translates to \$500 a year in savings for just one heat zone.