

# Case Study

## Prism Plastics



## *Prism Plastics shows impressive energy savings with UniTherm Insulation Systems*

“*I look forward to continuing our relationship and I have lots more machines to install UniTherm blankets on!*”

**Michael Brinkman**  
VP Manufacturing  
Prism Plastics Inc.

# 39.24%

energy savings

### Contact Prism Plastics

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### Background

Prism Plastics, Inc. is an ISO 9001:2008 certified custom injection molder.

With services ranging from engineering assistance with initial concept development and product design, project management from prototyping through production tooling approval, molding, assembly, custom packaging, and shipping, Prism Plastics' works to ensure products get to market in the fastest, most economical way.

### Objective

Prism Plastics Inc was looking for a proven way to reduce their electricity usage and lower their overall energy costs.

### Solutions

Prism Plastics Inc turned to UniTherm Insulation Systems to purchase a set of blankets for their 220 Sumitomo, then brought their electric provider in to test the results.

### Success

St. Croix Electric ran an independent energy study on Prism Plastics' 220 Sumitomo.

The energy study was conducted over 4 consecutive days; 2 days with blankets and 2 days without, at a consistent 350°F.

St. Croix Electric found that UniTherm blankets provided a 39.24% energy savings - which makes the blankets pay for themselves in less than 12 months.