

# Paybacks & ROIs

## Blown Film

# UNITHERM | we mean green

insulation systems

A Pryor, Oklahoma blown film facility tested watt usage with and without insulation on various dies. The data below represents their findings based on estimated investment costs.

Payback and return on investment calculations are based on the assumption that the machines will run 24 hours a day and 350 days a year. The assumed KWh rate is \$.08.

Die Size	Estimated Initial Investment	KWh Uninsulated	KWh Insulated	Cost Uninsulated	Cost Insulated	Payback Period (Months)	3 Year Savings
4 in	\$220	5.21	1.67	\$146	\$47	26.66	\$297
6 in	\$220	8.5	2.72	\$238	\$76	16.29	\$486
10 in	\$293	19.95	6.38	\$559	\$179	9.25	\$1,140
12 in	\$365	33.41	10.69	\$936	\$299	6.88	\$1,908
24 in	\$623	85.56	27.38	\$2,396	\$767	4.58	\$4,887
28 in	\$752	103.42	33.09	\$2,896	\$927	4.58	\$5,907

*\*The investment and roi amounts above are estimates and are not a guarantee.*

