

Want to Save Energy, Improve Workplace Safety, and Send More "Green" to Your Bottom Line? PMI and Unitherm International Can Help

UniVest Insulation Jackets

UniVest removable, reusable insulation jackets are high return, low investment systems that will lower your energy bill, protect your employees, and lower the ambient air temperature in your facility.



Equipped for Process Temperature Changes

QuickCool is a custom engineered insulation blanket that increases energy efficiency by holding heat in, but quickly and easily opens up to provide quick cool-down time for the next process. No tools are needed to remove the flap, just a simple tug of the strap saves minutes per changeover, which can quickly turn into more production time and bigger profits.



Keeping the Savings Going

The only way to continue enjoying the energy and safety benefits of UniVest products is to keep the jackets on the machines. Often times staff will remove the UniVest jackets to service machines and neglect to reinstall them.

Ease of use is built into the design of UniVest jackets - they are lightweight, modular, and easy to handle so that employees can easily reinstall them on machines. UniVest uses a strap and buckle system so no tools are ever necessary to secure UniVest in place. Magnets are also used for extruders and other shapes that are not conducive to strap and buckle systems.



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PMI - Process Heating Solutions Providers Since 1973 Infrastructure Restoration - Let Us Bring Your Process Equipment Up To Date with PMI Engineered Control Systems For Extrusion, Injection Molding, Thermoforming, Heat Treating and Annealing Ovens, all Process Heating Applications.



Payback & ROI

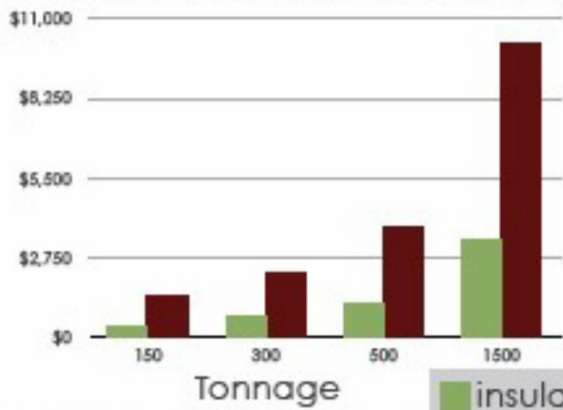
Injection Molding Barrel Estimated Return on Investment

Tonnage	Estimated Initial Investment	KWh Uninsulated	KWh Insulated	Payback Period (Months)	3 Year Savings
150	\$300	1.52	0.52	8.54	\$1,391.81
300	\$660	3.00	2.05	10.69	\$2,223.72
500	\$1,100.00	7.65	6.02	10.38	\$3,815.28
850	\$1,870.00	9.33	6.79	11.32	\$5,945.04
1000	\$2,200.00	11.35	8.12	10.48	\$7,560.00
1500	\$3,300.00	13.54	9.22	11.75	\$10,111.32

Blown Film Die Estimated Return on Investment

Die Size	Estimated Initial Investment	KWh Uninsulated	KWh Insulated	Payback Period (Months)	3 Year Savings
4 in	\$220	5.21	1.67	26.66	\$297
10 in	\$293	19.95	6.38	9.25	\$1,140
12 in	\$365	33.41	10.69	6.88	\$1,908
24 in	\$623	85.56	27.38	4.58	\$4,887
28 in	\$752	103.42	33.09	4.58	\$5,907

Barrel Insulation 3 Yr Cost Comparison



Die Insulation 3 Yr Cost Comparison

