

ACCELERATING INNOVATION

**UNIVEST**<sup>®</sup>  
by UniTherm

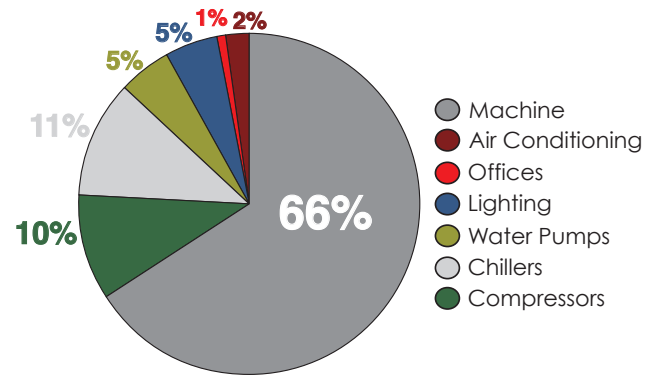


# Rising Energy Costs

Energy costs can seem like an uncontrollable expense, but in reality, energy consumption should be controlled with the use of the right energy efficiency systems for your facility. UniVest® insulation systems capture and retain heat, promoting efficient energy production and reduced consumption.

## The Real Energy Consumers

Many people assume that energy efficiency is simply about turning out lights and turning down the heating. This is only partially true. Energy efficiency is also about using cost-effective technology to permanently reduce a company's energy consumption. Purchasing energy efficient capital equipment is the simplest and easiest way to permanently enhance a company's overall energy efficiency and reduce its energy costs in the long run.

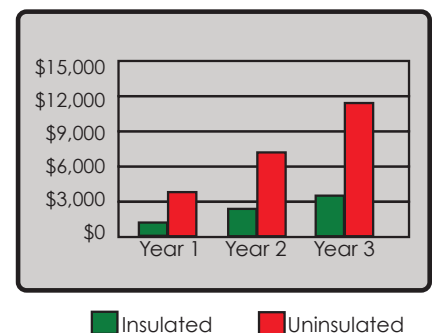


## UniVest® For Barrels, Extruders, Dies & Molds

UniVest® insulation jackets can help improve your facilities in variety of ways. UniVest® removable, reusable insulation jackets are a cost-effective solution to for re-insulation. Whether you're looking to save money, increase workplace safety, or simply keep your equipment running smoothly, UniVest® can help.

### Payback in 1 Year or Less

On average, UniVest® insulation systems pay for themselves in energy savings within the first year. Few energy saving programs offer paybacks as quick as UniVest®.





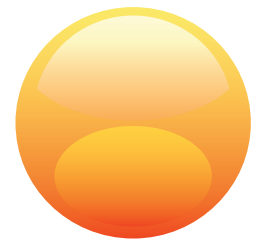
# About

UniTherm International, located in Lewisville, Texas, is a manufacturer of insulation blankets for all applications.

UniTherm designs, develops, and manufactures insulation blankets for all applications, specializing in the plastics and oil and gas industries. Our goal is to create unrivaled insulation systems that offer an array of benefits: energy efficiency, personnel protection, ease of use, and durability.

We are continuously working to create new insulation products, which benefit the environment through increased energy efficiency and protect personnel from hot applications. Our dedication in providing premium insulation systems, has led to the creation of several unique, patented products to serve various industries around the world.

UniTherm's number one objective is to serve our customers. We continuously improve our standard of excellence through product improvement and customer devotion. Here at UniTherm, we are proud of our high standards for quality, simplicity, cost, and delivery.



# Contact

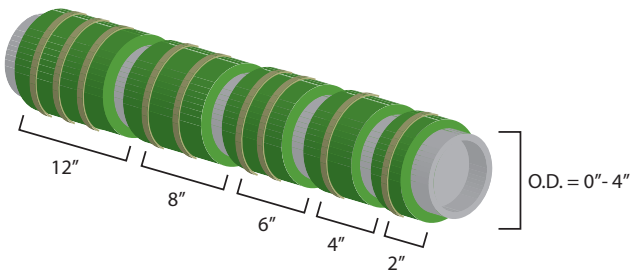
**Plastics Solutions USA Inc.**

7752 NW 74 Avenue, Miami, FL 33166

| [info@solucionesplasticas.com](mailto:info@solucionesplasticas.com)

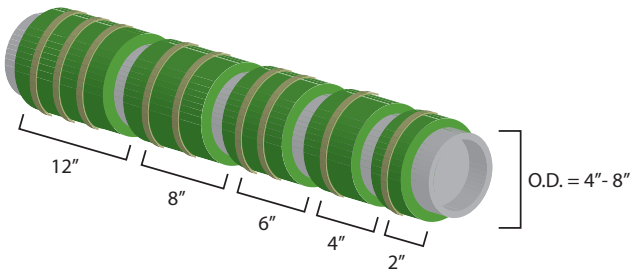
**Tel: 305-887-6920**

**Company Website:** [www.solucionesplasticas.com](http://www.solucionesplasticas.com)



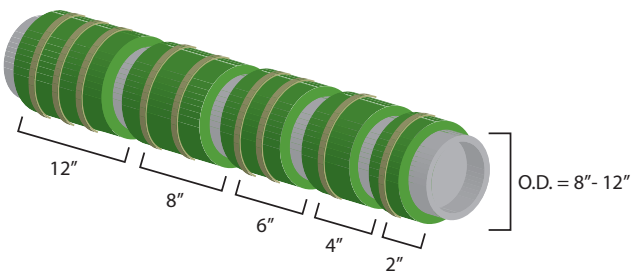
Part Number	Width	Weight	Thickness	Temp. Rating
1902	2"	.61 lbs.	1"	0°F - 900°F
1904	4"	.82 lbs.	1"	0°F - 900°F
1906	6"	1.22 lbs.	1"	0°F - 900°F
1908	8"	1.64 lbs.	1"	0°F - 900°F
1912	12"	1.95 lbs.	1"	0°F - 900°F

\* Mix and match different widths to fit your specifications



Part Number	Width	Weight	Thickness	Temp. Rating
3102	2"	.87 lbs.	1"	0°F - 900°F
3104	4"	1.17 lbs.	1"	0°F - 900°F
3106	6"	1.75 lbs.	1"	0°F - 900°F
3108	8"	2.34 lbs.	1"	0°F - 900°F
3112	12"	2.89 lbs.	1"	0°F - 900°F

\* Mix and match different widths to fit your specifications



Part Number	Width	Weight	Thickness	Temp. Rating
4302	2"	1.09 lbs.	1"	0°F - 900°F
4304	4"	1.52 lbs.	1"	0°F - 900°F
4306	6"	2.26 lbs.	1"	0°F - 900°F
4308	8"	3.04 lbs.	1"	0°F - 900°F
4312	12"	4.00 lbs.	1"	0°F - 900°F

\* Mix and match different widths to fit your specifications

Reducing energy output and creating a safe working environment are top priorities among plastics manufacturers. UniTherm has you covered.

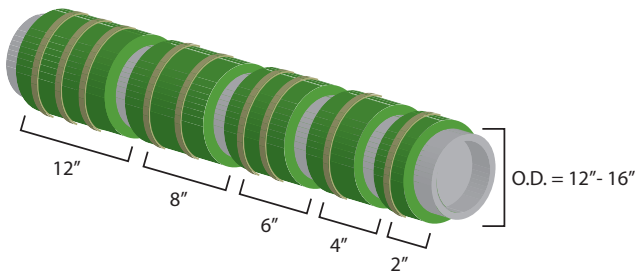
UniVest® insulation jackets come with a 5-year warranty, under normal installation and operation applications. With its unique design, UniVest® can function at temperatures up to 1500°F.

UniVest® jackets are lightweight, modular, and easy to handle for stress-free installation.

No tools required for installation.

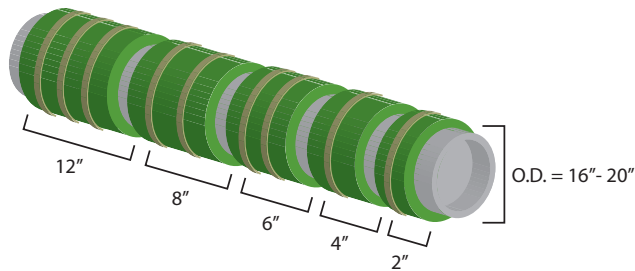
Our easy 3-step process will guide you to the correct sizing options:

- 1. Measure current outer diameter of heater bands and junction boxes**
- 2. Measure widths between thermal couples**
- 3. Mix and match different widths to fit your requirements**



Part Number	Width	Weight	Thickness	Temp. Rating
5602	2"	1.50 lbs.	1"	0°F - 900°F
5604	4"	2.07 lbs.	1"	0°F - 900°F
5606	6"	2.93 lbs.	1"	0°F - 900°F
5608	8"	4.14 lbs.	1"	0°F - 900°F
5612	12"	4.89 lbs.	1"	0°F - 900°F

\* Mix and match different widths to fit your specifications



Part Number	Width	Weight	Thickness	Temp. Rating
6802	2"	1.63 lbs.	1"	0°F - 900°F
6804	4"	2.32 lbs.	1"	0°F - 900°F
6806	6"	3.35 lbs.	1"	0°F - 900°F
6808	8"	4.64 lbs.	1"	0°F - 900°F
6812	12"	5.99 lbs.	1"	0°F - 900°F

\* Mix and match different widths to fit your specifications

## Enjoy a full payback in less than 12 months.

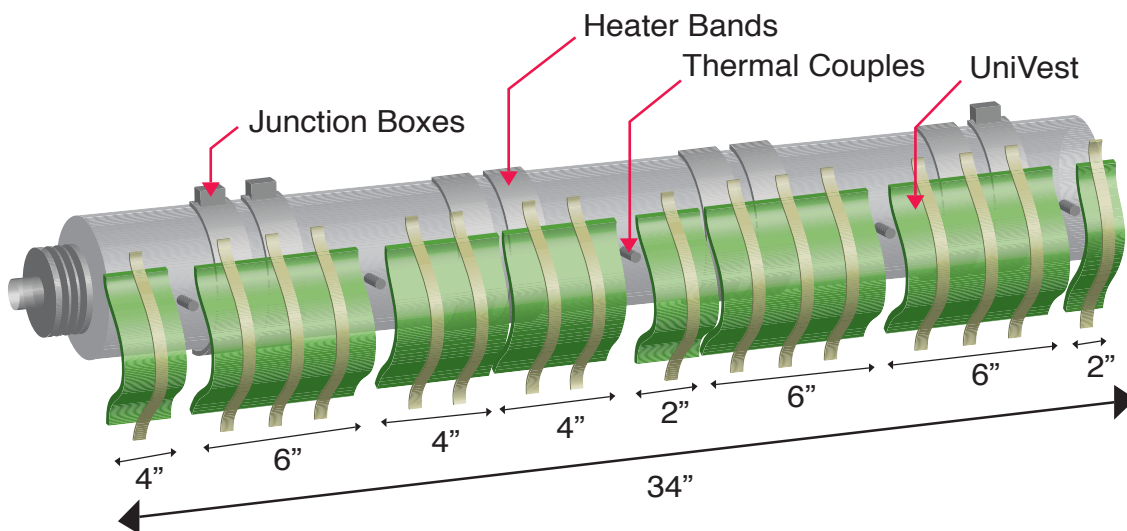
UniVest® is now offered in standard, ready-to-use sizes.

The correct widths and outer diameter measurements allow proper insulation with UniVest®.

Remember, it is safer to order UniVest® in a larger size, due to junction boxes or faulty measurements. Regardless of size, UniVest® will always fit smaller applications with a 4 in. diameter.

The outer diameters of UniVest® comes in five sizes: 0"- 4", 4"- 8", 8"-12", 12"- 16", and 16"- 20". Mix and match various widths to fit your specifications.

The Strap and Buckle system of UniVest®, allow a quick and simple installation for any application and is ideal for daily use.



# Throw Blankets

Throw Blankets are unique, removable, reusable insulation blankets, protecting at temperatures up to 1500°F. The simplicity feature of the Throw Blanket is ideal for routine use.

Throw Blankets are lightweight, modular, and easy to maneuver. Draping or magnetizing the Throw Blankets to an object or application is virtually limitless.

Simply measure the area of the desired application and choose from our four standard sizes:

Length: 12" and 24"

Width: 12", 24", 36", and 48"

Throw Blankets are manufactured with or without magnets, to better suit your requirements for placement and energy efficiency.



**Warning: magnets are not to be used around electrical connections!**

# DroolShield® Blowback Protection

DroolShield® protects heater bands, wiring, and insulation from the expensive and damaging effects of drool blowback. DroolShield® can withstand high temperatures up to 700°F, and is an eco friendly, long-term solution for protecting your heater bands and blankets.



# Straps and Buckles

Straps and Buckles are carefully spun using fiberglass yarns. The strength and flexibility of the nickel steel roller buckles allow for an easy adjustment and exact fit.



Straps and Buckles are resistant to most chemicals and can withstand temperatures up to 1000°F.

Straps and Buckles are available in three distinctive lengths: 24", 36", and 48".



**UNITHERM**  
insulation systems

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