



ThermoPEX[®]

Insulated Piping System

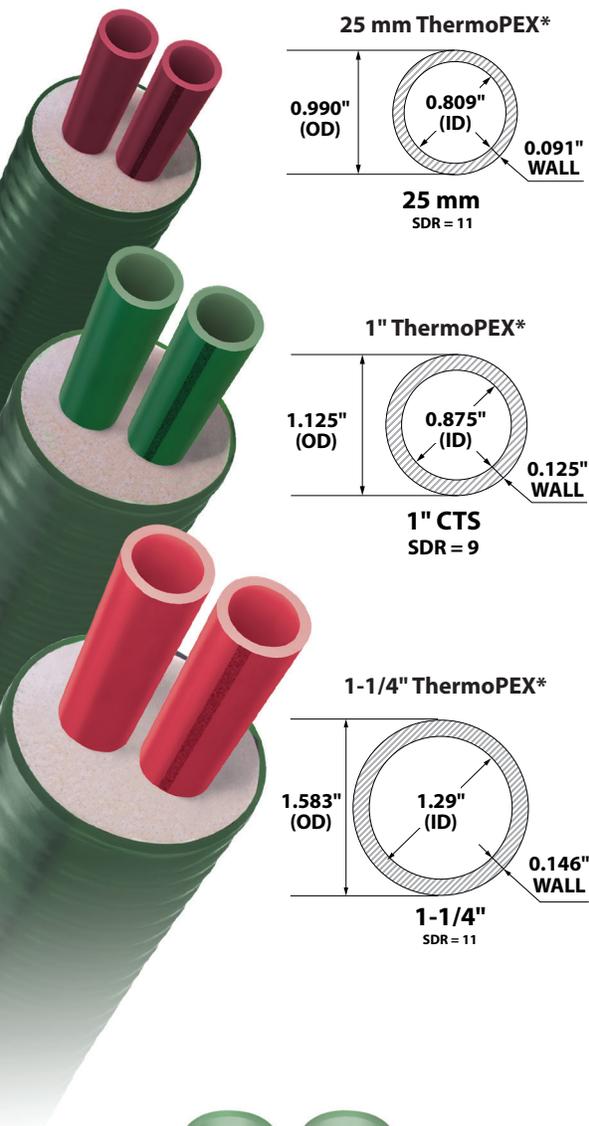
For the best performance from your outdoor furnace system.



SAVES ENERGY. MAXIMIZES EFFICIENCY.

All-in-one piping system provides piping, insulation and protective outer jacket for easy installation and the most efficient system performance.

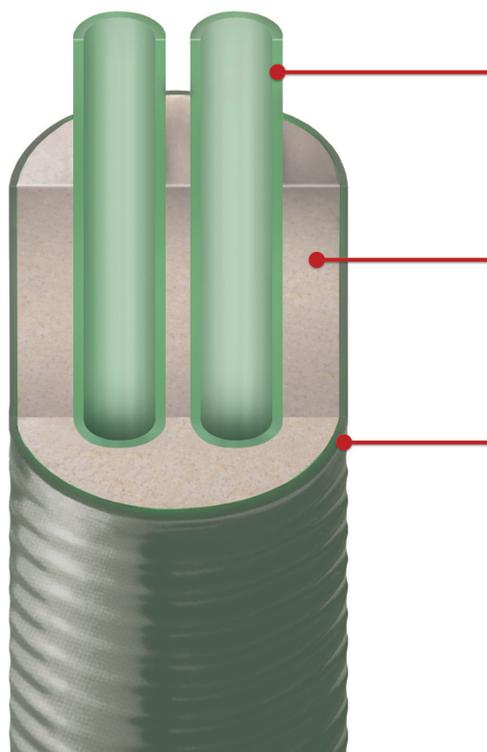
CentralBoiler.com



IT PAYS TO INSTALL THERMOPEX.

ThermoPEX is flexible pre-insulated piping that is ideal for use with outdoor furnaces. ThermoPEX consists of two pipes (a supply and a return) that are insulated with high-density urethane insulation and a thick, durable, waterproof, polyethylene outer jacket.

Thermal expansion is absorbed within the system because the pipes, urethane insulation and the durable outer jacket are cast together. The corrugated design allows flexing for easier installation. ThermoPEX is a proven product and maintenance-free.



PIPE: Oxygen-barrier Central PEX® is a high-density, cross-link pipe, rated for 180°F at 100 psi. It is compatible with standard PEX insert fittings* that cost much less than competitors' compression fittings. PEX lines are marked to easily identify supply and return lines.

INSULATION: This industry-best high-density urethane insulation provides the ultimate control against heat loss. The high thermal efficiency of the urethane allows for a smaller overall size than some competitors, and provides lower heat losses per foot.

OUTER JACKET: The ThermoPEX high-density polyethylene outer jacket is thick, durable and seamless. It provides the necessary protection, is waterproof, and is corrugated for flexibility, making it easy to route around obstacles. It is also UV protected and can be installed above ground. It eliminates concerns with ground moisture or water affecting insulating properties of the urethane insulation.

*Contact your dealer for appropriate fittings to use in your application.

YOU GET WHAT YOU PAY FOR.

Inferior pipe results in higher wood consumption. For the best performance from your outdoor furnace, insist on ThermoPEX. ThermoPEX is manufactured to the highest standards to deliver **more heat to your home**. That means you'll spend **less time cutting wood** and filling your furnace.

ThermoPEX	DESIGN & MANUFACTURING	MATERIALS	COMPARISON
	<p>The PEX water lines are centered in the insulation to maximize the amount of insulation surrounding them.</p>	<p>The manufacturing process ensures an airtight, waterproof urethane insulation enclosed in a thick, durable, waterproof, flexible protective jacket.</p>	<p>Less than 1° heat loss per 100 feet.</p>
<p>Brand X</p> 	<p>The water lines are NOT centered in the insulation, reducing the insulating properties. There is approximately 14% less insulation outside the water lines.</p>	<p>The claimed foil (which is actually a plastic film) between the insulation and shell absorbs, rather than reflects heat. Without air space, the film does not increase insulating value.</p>	<p>30% more heat loss.</p>
<p>Brand Y</p> 	<p>The majority of this pipe is a cavity that can fill with water, allowing water damage to the basement and extreme heat loss.</p>	<p>The water lines are loosely wrapped in 3/8" thick bubble wrap and have little protection from heat loss. Bubble wrap has an R-value of less than 1.5**.</p>	<p>125% more heat loss.</p>

EASY TO INSTALL.

ThermoPEX comes pre-assembled and ready to install. No special tools or equipment are required. No drainage tile or gravel backfill is required. ThermoPEX only needs a narrow trench for installation. ThermoPEX is affordable and will reduce installation time, therefore saving you 25% to 40% on your installation costs.



1 - Cut the three outermost fixing bands.



2 - Decoil to the next fixing band. Continue until decoiled.



3 - Place ThermoPEX into trench.



Watch the Installing ThermoPEX video
CentralBoiler.com > [Explore](#) > [Videos](#) > [DIY](#)

BECAUSE PERFORMANCE MATTERS.

Choosing the best insulated piping system for your outdoor furnace is imperative to lower heat loss and reduce the amount of wood you'll burn. The ThermoPEX insulated piping system from Central Boiler is a proven system that saves energy and maximizes the efficiency of your outdoor furnace.

ENERGY EFFICIENT

ThermoPEX saves energy and maximizes efficiency. The corrugated waterproof jacket keeps moisture out and inner construction locks the heat in. Greater system efficiency maximizes the delivery of heat from each pound of wood so you will burn less wood compared to a system using inferior insulated piping.

FLEXIBILITY

Easier to work with, easier to install.

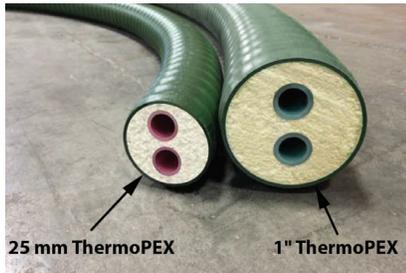
RELIABILITY

ThermoPEX is a proven system manufactured to ensure an airtight, waterproof urethane insulation enclosed in a thick, durable, waterproof, flexible protective jacket.

FAST

Easy to transport, easy to handle and easy to install, requiring only a narrow trench approximately a foot deep.

While 1" ThermoPEX is recommended for all installations because of its superior insulation value over all distances, 25 mm ThermoPEX is a good choice in installations with shorter distances. It is flexible and easy to work with. In a hurry? 25 mm ThermoPEX can be UPS shipped.



1" ThermoPEX provides superior insulating properties; 25 mm ThermoPEX is more flexible and easier to handle



25 mm ThermoPEX is easy to transport.

ALSO AVAILABLE



THERMOPEX TERMINATION CAP
Rubber end cap provides a watertight seal and protects the insulation from exposure. Simply slip over the end of the pipe and secure with provided clamp.



THERMOPEX COUPLING KIT
If needed, rubber coupling makes joining two sections of ThermoPEX fast and easy.

*Inferior insulated piping comes at a price.
Install ThermoPEX for the most efficient
system performance.*

Ask your Central Boiler dealer today!

Videos, testimonials, brochure downloads, events close to you, a dealer locator, a savings and sizing calculator and much more!

CentralBoiler.com