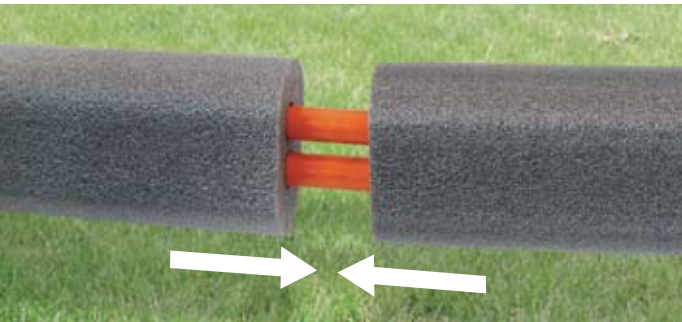


MAXX-R Underground Pipe Insulation

is a revolution in underground pipe insulation for outdoor boilers and furnaces.

MAXX-R makes it possible to transfer heated water from the outside boiler to the home and back again with minimal heat loss to the ground. The **MAXX-R** system gives you the performance you need for a price you can afford.... and it's easy to install!



Joint Tape Shown. Joint Adhesive Also Available.



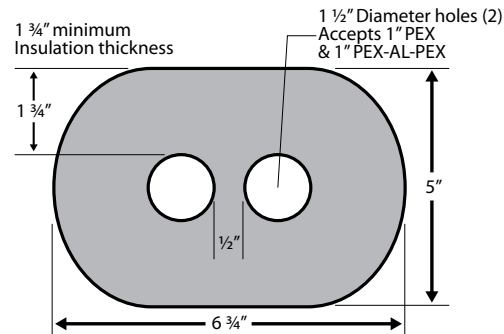
Specifications & Dimensions



Insulation Length: 96"
Weight per Foot: 0.375 lbs.
Weight per 8' Length: 3.0 lbs.
Shipping: 8 pieces per carton (64' per carton)
Carton Size: 100" x 21-1/4" x 13-1/4" (Waxed)
Insulation Thickness: 1.75"

Bending Radius*:
Flat side 12" Including Two (2) 1" PEX or 1" PEX-AL-PEX pipes
Long side 24" Including Two (2) 1" PEX or 1" PEX-AL-PEX pipes
* Bending radius may change with type or style of pipe used

Service Pipe Size: 1" PEX or 1" PEX-AL-PEX



Performance

MAXX-R Pipe Insulation allows for less than 1/6th of one degree heat loss over 100' (or 4/5th of one degree over 500') at an ambient ground temperature of 52°F.

Available from:



www.MAXX-R.com

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Underground Pipe Insulation

Not the Most Expensive, Just the Best.

www.MAXX-R.com



Top 10 Most Asked Questions

1. Why choose MAXX-R?

Most installers and home owners have had to choose between cheap, poorly designed "homemade" insulation or hard-to-handle pre-fabricated pipe-in-pipe systems requiring special expensive connectors. The **MAXX-R** system gives you the performance you need for a price you can afford....and it's easy to install!

2. Does MAXX-R "give up" heat?

Yes, all insulation systems will give up some heat. However, in recent tests, **MAXX-R** insulation gave up less than 2°F over a 500 foot run at freezing temperatures.

3. What does heat loss mean to me?

More heat loss = more wood burned. Let's assume that your system is designed to give up 15°F across the hydronic heat exchanger located in your home. If you have a 15°F drop in temperature from your furnace to the home and a 15°F drop from the home back to the furnace, you have used enough energy to heat 3 homes just like yours. Plus, you are probably loading your boiler 3 more times than necessary.

4. Can I measure this heat loss?

Actually, you can. Turn off all inside hydronic heat exchangers and use a hand-held infrared heat sensor (available for a low cost at many hardware building supply) to measure the temperature on the feed and return lines at the boiler. Feed pipe temperature minus return pipe temperature tells you your heat loss.

5. The snow melts quickly on the ground above my outside boiler feed and return lines...what does this mean?

The insulation on your boiler's feed and return lines is not doing its job – and you are probably experiencing an extreme drop in water temperature. You may not be heating your home to your satisfaction. You are certainly using too much fuel. And, you are probably loading your boiler many more times than you need to!

6. My system is already installed...can I use the MAXX-R underground pipe system now?

Yes, you can. There is no need to dig up your present insulation. Leave it in the ground and place the **MAXX-R** underground pipe insulation system on top of the old system. Remember, we recommend burying **MAXX-R** a minimum of 24" below ground level.

7. What makes the MAXX-R insulation system so special?

Simply stated: "It Insulates." The feed and return lines are separated and individually insulated. **MAXX-R** is made from "closed cell" insulation, which means that ground water and the freezing cold "stays out" away from the water lines. The inert polyethylene closed cell material will not break down because of freezing soil or ground impurities – and will not become saturated from the groundwater.

8. What does the high R-value on MAXX-R mean to me?

Underground direct burial of MAXX-R is normal, but sometimes installers and homeowners have to install the system above ground – after the ground is frozen. We call this a "winter install." These installs may result in air temperatures of 20-30 degrees below zero. Having low heat loss means a warm home through the cold winter months. Note: Above ground installations require an available winter sleeve for ultraviolet protection. See the performance chart to predict your heat loss.

9. Is the MAXX-R Underground Pipe Insulation system really as good as it says?

Most underground pipe insulation systems have NO warranty. **MAXX-R** is the ONLY insulation system of its kind that gives you a **LIMITED LIFETIME WARRANTY** when installed in accordance with the manufacturer's instructions.

10. To Sum It Up ... Why MAXX-R Underground Pipe Insulation System?

This system gives you all the performance you need ... for the price you can afford ... and it is easy to install.

