

## INSULATING HOT WATER PIPES

Insulating hot-water pipes can provide many benefits. It will take less time to get hot water to the tap, prevent costly heat loss, and save you money on energy bills.

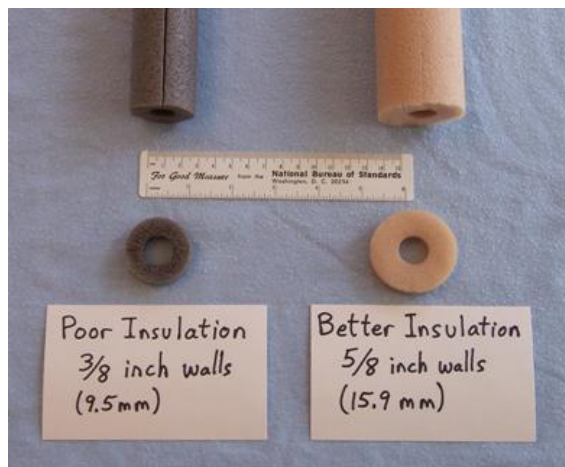
### MATERIALS

Pipe insulation comes in many forms.

Insulation is typically rated by R-value: the higher the R-value, the better the insulation. To select the right insulation for your pipes, consult your local hardware store.

Examples of a few types of pipe insulation:

#### Foam Tubing Insulation



#### Foil Pipe Wrap Insulation



#### Fiberglass Shell Pipe Covers



#### Fiberglass Pipe Wrap Insulation



## ADVANTAGES

- Prevents heat loss in pipes
- Reduces time taken to get hot water to the tap

Tools required : Exacto knife or similar cutting tool

Materials Required : Duct tape, Insulation material

Estimated time taken: A few hours

Project cost: Insulation is available as rolls with prices beginning from under \$25 , depending on product chosen

## INSTALLATION

Clean the water pipes by using a rag and a mild cleanser to remove any dust, dirt, or grease.

Allow time for the pipes to dry completely before installing the insulation.

## HOW TO

**Step 1:** Measure and cut the insulation to fit the length of the pipe.

**Step 2:** Wrap the insulation around the pipe. If more than one tube is required to cover the pipe, be sure to seal the seam where the insulations meet with duct tape.

## ADDITIONAL RECOMMENDATIONS

Cover the pipe completely with the insulation material, especially around corners and bends. Cut slits at angles where necessary, and secure these areas with duct tape.

If you use foil or fiberglass pipe wrap insulation, use duct tapes to hold insulation in place.

When working with fiberglass, wrap the fiberglass in plastic to keep the pipes from dripping condensation. Secure the ends of the insulation with duct tape.

Source: [DIY: How to Insulate Pipes](#)