



Fiberglas™ Pipe Insulation Installation Instructions

For proper sizing, please refer to the Fiberglas™ Pipe Insulation Sizing Manual: Pub. No. 10018078.

SSL II® with ASJ Max:

1. Ambient application temperatures are from 25°F (-4°C) to 110°F (43°C).
2. To open the hinged insulation section, pull the lap with the release strip from the jacket.
3. Open the hinged sections and place the insulation over the pipe, taking care not to get dirt, dust or moisture on the overlap area. While preparing to close the insulation, take care not to allow the adhesive on the jacket to contact anything until the insulation is properly lined up and closed over the pipe.
4. Pull the release strip from the jacket lap. Start by pulling the lap down at the middle until the adhesive touches the adhesive strip on the jacket. Press together. Rub firmly with nylon sealing tool or squeegee from the middle of the section towards the end until the lap is securely adhered to the jacket.
5. Apply the matching butt strip centered over the adjoining pipe sections, and rub with firm pressure to complete the positive closure.
6. If the operating temperature of the system is above 100°F (37°C), it is recommend that if the pipe insulation terminates with an exposed end, apply mastic over the exposed end, per the mastic manufacturer's instructions.
7. If the operating temperature of the system is below 100°F (37°C), the pipe insulation terminated exposed end shall be sealed with a vapor barrier mastic applied over the exposed end per the mastic manufacturer's instructions.
8. Apply systems identification labels by pressure-sensitive labels, or by stencil with spray paint.

Note: Do not pick-up, carry, or handle the pipe sections by the SSL II® or SSL® release strip jacket lap. This action may cause the ASJ Max jacket to pull loose from the adhesive holding the jacket to the pipe section. This could lead to a jacket misalignment resulting in difficult installation and a wrinkled appearance.

SSL II® with ASJ Max on Chilled Systems:

For systems that operate at 60°F (15.6°C) and lower, install per North American Insulation Manufacturers Association (NAIMA) manual titled: GUIDE TO INSULATING CHILLED WATER PIPING SYSTEMS WITH MINERAL FIBER PIPE INSULATION (33°F to 60°F (0.5°C to 15.6°C)); Pub. No. CI 228.

No-Wrap:

1. Open the hinged sections and place over the pipe, carefully aligned and secured by wires or bands.
2. Jacket and vapor seal as required by the application.

Additional Installation Instructions:

1. Outdoor applications must be protected from weather.
2. If painting is required, use only water based latex paint.

Temperature Parameters and Owens Corning® Fiberglas™ Pipe Insulation 1000°F (538°C) Heat-Up Schedule

Owens Corning® Fiberglas™ Pipe Insulation is listed on its Product Data Sheet with a temperature rating of 1000°F (538°C) at a maximum install thickness of 6".

Owens Corning® Pipe Insulation can be installed while the pipe is in-service/hot up to 850°F (454°C). When the operating temperature is 650°F (343°C) and higher, maximum install thickness shall not exceed 6".

If Owens Corning® Pipe Insulation is to be installed on a pipe that will be operating between 850°F (454°C) and 1000°F (538°C), the pipe insulation cannot exceed 6" in thickness, and must follow the heat-up schedule noted below:

1. If pipe is operating hot:
 - a. The pipe insulation is placed on the pre-heated pipe at not more than 850°F (454°C) maximum.
 - b. After 6 hours, the pipe can then be heated up to 1000°F (538°C).
2. If pipe is being heated from ambient temperature:
 - a. When the pipe insulation is applied to an ambient temperature pipe, bring the system incrementally to operating temperature over a 24-hour period.