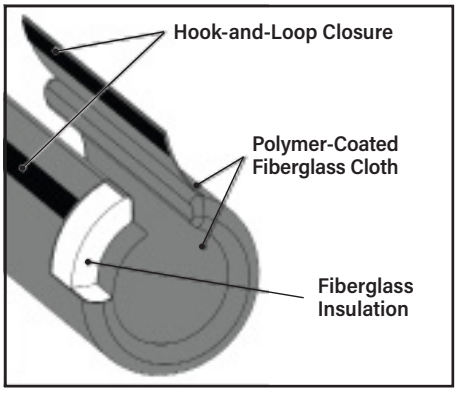
STEAM PIPE INSULATION

An easy and effective way to insulate steam lines to increase efficiency and reduce hazards.

Application

Steam is a common energy/heat source used in a wide variety of manufacturing and Industrial operations. Common uses include freeze protection, process heating, radiant heating (air), hot water heating, cleaning, moisturizing, humidifying, propulsion, power generation, food preservation and much more. The steam is typically generated from large industrial boilers and transported through a series of pipes and valves. These steam lines must be insulated to ensure optimal system efficiency and employee safety. If left without insulation, large amounts of energy can be lost, condensation can reduce effectiveness, and employees are at risk of burn injuries and excessive heat from exposed steam lines.



Solution

BriskHeat's Silver-Series 2 removable cloth insulators are the perfect solution for insulating steam transportation systems. They are easy to install, save energy, reduce condensation problems, provide excellent surface protection, and improve overall system efficiency and safety. The Silver Series 2 Insulators are easily removable and reusable when maintenance personnel must have quick access. A combination of standard size pipe, valve, and flange insulators are easily configurable to fit most steam line systems. Standard insulators are rated to 450°F (232°C), have an R-Value of 3.3, and are suitable for outdoor use. Standard designs include hook and loop closures, silicone coated fiberglass cloth, and fiberglass insulation. Valve covers and flange covers have draw-strings that tighten the insulators around pipes to maximize efficiency. Straight pieces are available in popular lengths and there are Cut To Length straight sections.

Custom insulators can also be designed to fit nearly any shape and size including boilers and large storage tanks. There are a variety of custom options available including color, and high-temperature cloth materials rated up to 1800°F (982°C) maximum exposure temperatures.

Industries

- Analytical Instrumentation/Laboratory
- Chemical Processing/Extractions
- Energy/Power Generation
- Food & Beverage Processing
- Gas & Oil
- Gas Handling
- Manufacturing
- Pulp & Paper
- Water/Wastewater Treatment

Types of Users

- Facilities Maintenance
- Process Engineers
- Production and Plant Managers