

HEATED HOSES FOR SPRAY FOAM INSULATION

An efficient cost effective way to heat spray foam hoses

Application

Spray foam is a popular insulation alternative to traditional fiberglass mat materials. It is a two-component mixture (isocyanate and resin) that is typically stored in cylinders or small barrels. The liquid materials must first pass through two separate hoses that come together into an applicator gun that mixes the materials to form an expanding foam spray. Typically, these components flow best at temperatures above 70°F (21°C). If the components get too cold, they become difficult to extract and they don't flow well through the hose and the applicator gun. This can result in longer application time, poor mix quality, wasted material and damage within the system.

Solution

Heat the hose with XtremeFLEX® RKP silicone rubber heating tape. These super flexible heating tapes are designed with a built-in preset thermostat that maintains heat output at either 70°F (21°C) or 122°F (50°C). The supplemental heat ensures an optimum operating temperature is provided to assist spray foam components as they travel through delivery hoses and into an applicator gun. The RKP heating tape has a low watt density of 6 W/ft (20 W/m) to provide safe operation and avoid overheating the chemicals. Standard lengths are available from 6 ft to 200 ft (1.8 m to 61 m) to meet your needs. If needed, higher temperature, higher watt density, and custom length options are available. For added protection and efficiency, wrap the hose and heater assembly with an insulated abrasion-resistant cover such as BriskHeat's Insul-Lock® closed foam pipe insulation. This solution eliminates downtime and extends the service life of your spray foam equipment.

Protect the drum or barrel with a BriskHeat DHLS Drum Heater. The DHLS drum heater is adjustable up to 160°F (71°C). Both heating solutions are easily installed and plug-and-play ready, allowing the warmers to be plugged into a standard electrical source without special wiring.

Additional Uses

BriskHeat's RKP long-length silicone rubber heating tapes with built-in preset thermostats can also be used for freeze protection on complex winding, or difficult-to-install pipe applications, or on objects that have unique shapes and sizes. Custom RKP heating tapes are available.



Industries

Aerospace/Aviation	Manufacturing
Construction	Transportation
Consumer/Residential	

Types of Users

Production Managers	General Contractors
Design Engineers	Commercial Roofing Contractors
Project Managers	