

Tempurtech Heated Walkway Safety Mats



ADVANCED CARBON TECHNOLOGY

Our heated mats use a carbon heating element with a Positive Temperature Coefficient (PTC) which limits the maximum current allowed in the system and prevents thermal runaway. When the carbon is excited to its threshold temperature, it demonstrates a rapid increase in resistance to reach its maximum designed temperature. When this temperature is attained, the increased resistance chokes off the current to ensure the heating element stays within its designed limits. Our systems are designed to offer superior energy efficiency, durability, and safety.

FEATURES & BENEFITS

- Low-cost, efficient heating
- Increased slip resistance with diamond-plate tread pattern
- Walkway edges are trimmed in safety yellow to better define the designated traffic flow
- Compatible with most roof warranties
- Meets all ETL design and component standards that meet or exceed UL standards

OVERVIEW

Our TPO Heated Walkway Safety Mat is designed to clear walkways of snow and ice, while also providing enhanced traction for foot traffic. Whether your goal is to protect rooftop maintenance teams, or to create a safer walkway for your home or building, our 110°F heated mats can virtually eliminate slips and falls in cold weather.

Tempurtech uses a parallel carbon resistance heating element to ensure maximum heating area and optimal product performance whereas other common heating products use linearly configured heating elements prone to easy wear, poor coverage, and overheating. Tempurtech's UL-listed sheet heating element contains no internal wires which are typically vulnerable to shorting or burning out.

INSTALLATION

Our TPO Heated Walkway Safety Mats may be installed over an existing roof or over an existing walkway. They may be installed using TPO adhesive or Tempurtech's double-sided adhesive tape

Physical Properties

	24" wide	34" wide	48" wide
Max. Length/Mat (ft)	50	50	40
Weight (lbs/ln ft)	2	2.9	4
Thickness	160-mil to bottom of tread, 1/4" overall		
Tread Height	90-mil		
Color	Gray w/ 2-inch yellow borders		
Max. Element Temperature	110°F (Sustained), 120°F (Max.)		
Bend Radius	90 degrees, do not crease mats		

Electrical Properties

	24" wide	34" wide	48" wide
Amps/ln ft (120V / 240V)	0.36/0.16	0.51/0.24	0.8/0.4
Power Req. (kW/ln ft) (120V / 240V)	0.04/0.035	0.06/0.058	0.1/0.095
Max. Circuit Load	16 Amps		
Circuit Protection	20 Amp breaker (for max. circuit load) with GFPE protection		

