

AMORPHOUS HEATWAVE BRINGS THE HEAT AT CHILDREN'S MERCY PARK, USA



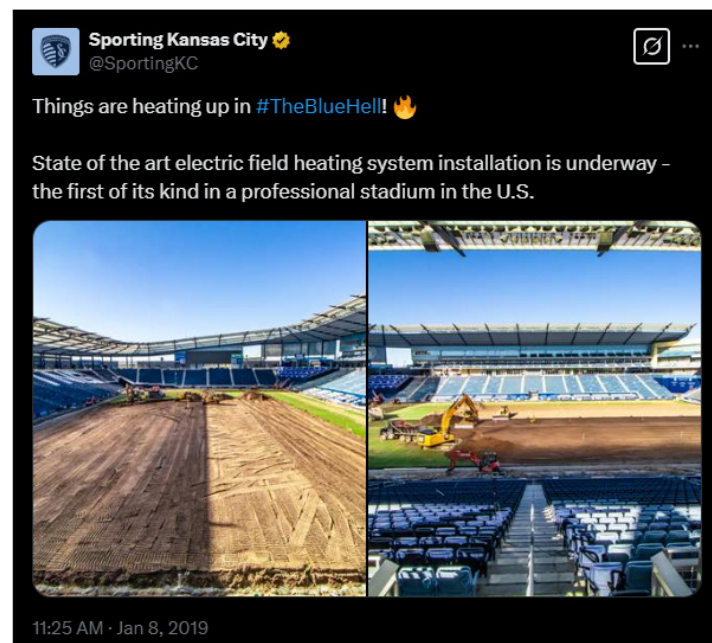
Powered by AHT's next generation amorphous metal ribbon technology, TruHeat's Amorphous HeatWAVE system is delivering powerful yet ultra energy efficient snow melting capabilities for KC Sporting at Children's Mercy Park located in Kansas City, USA



STATE OF THE ART HEATING SYSTEM HAS BEEN THE FIRST OF ITS KIND AT A MLS CLUB TEAM



In 2019, among the major improvements made at Children's Mercy Park, the home stadium of the KC Sporting were adding grow lights, synthetic turf outside of the touchlines, new sod. The most impressive improvement was installing TruHeat's Amorphous HeatWave system powered by AHT's amorphous metal ribbon technology as the sports field heating solution of choice. Children's Mercy Park is the first professional stadium in the United States to feature this electrical heating system and the club couldn't be more happy with the system.



PATENTED AMORPHOUS METAL RIBBON TECHNOLOGY

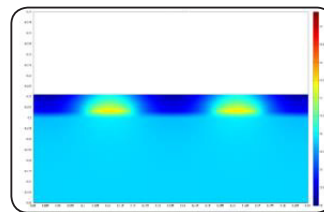


Our amorphous metal heating element is crafted through a distinctive manufacturing process that produces 20-30 micron thin yet ultra-durable metal ribbons. This innovative, lightweight design allows the heating element to achieve ideal heating outputs with a fraction of the energy consumption compared to all other radiant heating sources. Unlike traditional heating methods, such as hydronic tubes or electrical cables, the amorphous metal ribbons deliver heat far more rapidly and efficiently. By requiring less energy to start producing the desired heat, the HeatWAVE® system is the best choice when it comes to sports field heating.

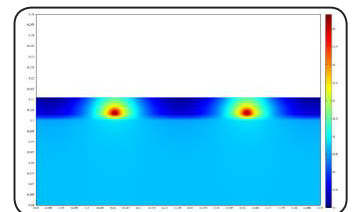
THE AMORPHOUS ADVANTAGE

INSTANT HEAT TRANSFER

Compared to conventional heating cable and hydronic tube based systems, the flat nature of the amorphous ribbons allow for instant heat transfer resulting in 40% less energy consumption.



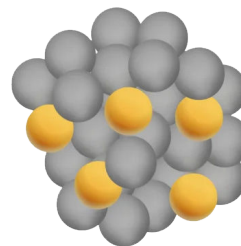
AMORPHOUS RIBBON



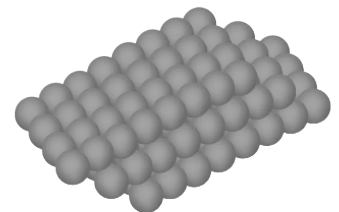
CONVENTIONAL HEATING CABLE OR HYDRONIC TUBE

INCREASED DURABILITY

Most metals are crystalline in their solid state. Amorphous metal while also being a solid metallic metal but is in a disordered atomic scale structure. This makes it have higher tensile strength, does not wear out, and offers far superior heating performance.



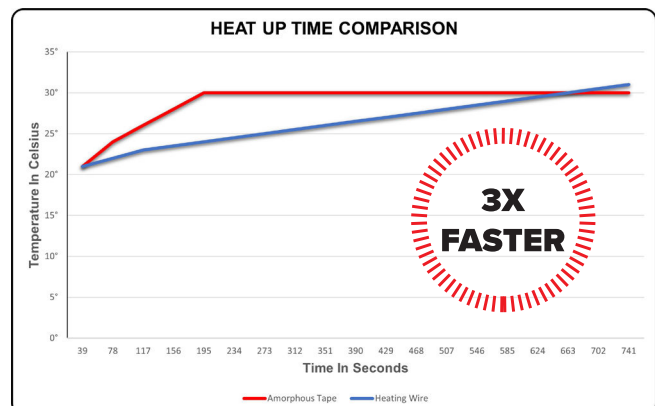
AMORPHOUS STRUCTURE



CRYSTALLINE STRUCTURE

BEST IN CLASS HEATING

The Amorphous HeatWAVE system® offers best-in-class heating compared to all other electric sports field heating systems. In fact, the HeatWAVE system® will heat up 3 times faster due to the patented amorphous metal ribbon technology and offers more consistent heat. This allows our heating system to get the job quicker while other systems bring results much later.



PROJECT DETAILS

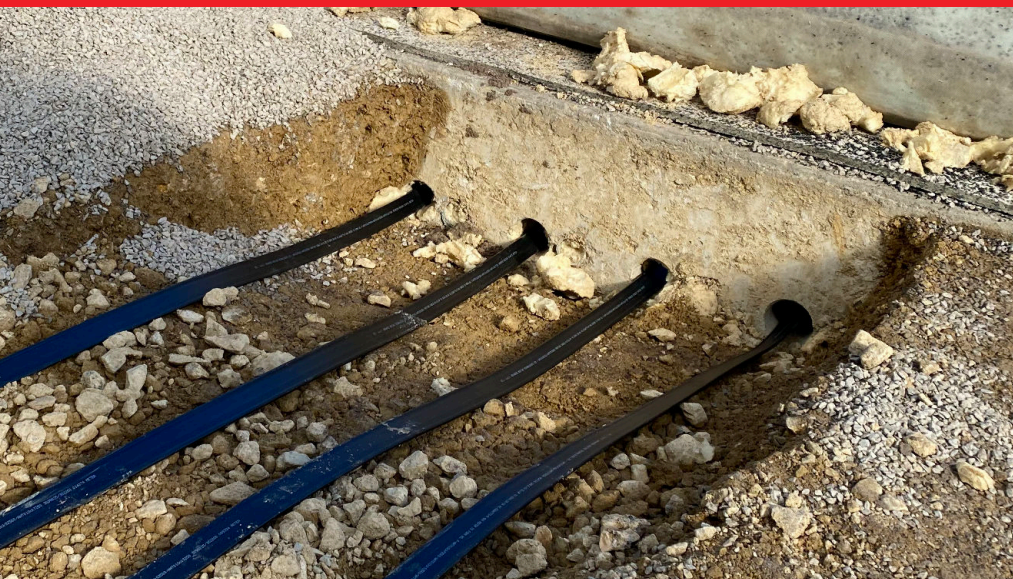


LARGE SCALE FULL
RENOVATION OF THE
ENTIRE SPORTS FIELD.

OVER 700
HEATING
RIBBONS
INSERTED
BELOW THE
SPORTS FIELD
PROVIDING
CONSISTENT
RADIANT
HEATING.



EFFICIENT ZONING CREATED TO PIN POINT EXACTLY WHICH AREAS OF THE FIELD NEED MORE HEATING.



CUSTOM
RENOVATIONS
ALLOW FOR
EASY LAYING
OF HEATING
RIBBONS



INTEGRATED CONTROLS WITH REMOTE ZONE OPERATION

