

Revolutionize Commercial Radiant Installations

Radiant Rollout™ Mats provide a fast, efficient, and consistent method for installing radiant heating and cooling systems in large commercial areas. The mat consists of a custom-designed, prefabricated network of Wirsbo hePEX™ barrier piping connected with ProPEX® engineered polymer (EP) fittings — which are safe for burial in the slab.

The mats reduce required manifold ports by up to 80% and fastening hardware by up to 40%, increasing installation efficiencies and job-site safety. Plus, the pre-pressurized piping and self-balancing circuits provide dependable commissioning and system startup.

Faster Installs

The Radiant Rollout Mat installs quickly and covers more than six times the square footage of traditional installation methods in the same amount of time, often reducing installation time in large commercial projects to just days instead of weeks — up to a 60% reduction.

Dependable Schedules

Faster completions mean owners can save money by opening sooner. And dependable schedule completions are important to a contractor's bottom line and profitability.

Reliable Commissioning

Because it is pre-packaged and pre-pressurized, the Radiant Rollout Mat also provides hassle-free commissioning of a radiant floor heating and cooling system. Couple that with the built-in quality that comes with Uponor systems, building professionals can feel confident they are specifying a product that helps to reduce mistakes and liabilities.

- › Up to **80% fewer** required manifolds
- › Up to **40% fewer** wire ties and staples
- › Up to **60% faster** installs



Features and Benefits

- Prefabrication provides onsite labor savings, reduces installation errors, promotes worker safety, and offers fast commissioning and startup
- Features Uponor's durable ProPEX EP fittings which are approved for direct burial and also offer fast onsite customization
- Backed by a 25-year transferable limited warranty on Uponor PEX piping and ProPEX fittings



RADIANT ROLLOUT MATS

Radiant Rollout Mat Options

Length	Customizable from 40' to 220'
Width	5' with 6" on-center spacing with or without in-slab, ¾" reverse-return header 4½' with 9" on-center spacing with or without in-slab, ¾" reverse-return header 6' with 12" on-center spacing with or without in-slab, ¾" reverse-return header
Piping	½" Wirsbo hePEX (oxygen barrier) ⅝" Wirsbo hePEX (oxygen barrier)
Fittings	EP fittings (with in-slab, ¾" reverse-return header only)
Pre-pressurization	20 psi; pressurized at the factory with in-slab, ¾" reverse-return header
Distribution flow options	In-slab, ¾" reverse-return header or wall manifold
Supports	Acetal polymer support braces every 7'; pre-drilled holes for stake and anchor supports

Reduce Risk and Liability

Prefabricated mats provide consistent spacing, reducing installation complexity, time, worker strain, and injury. Pressure-tested mats provide peace of mind for a leak-free system prior to installation.

"The performance of the Radiant Rollout Mat was right on target. After commissioning, the system's flow rates, pressures and heat exchange were performing to specs."

Nuno Duarte, P. Eng., project engineer, Stantec

Improve Project Schedules and Reduce Labor Costs

Radiant Rollout Mats cover more than six times the square footage compared to traditional installation methods, reducing piping installations to days instead of weeks.

"On our project, six contractors installed 35,000 square feet (16 to 19 mats) per day, as opposed to only 4,500 square feet per day using conventional methods."

Michael Hobson, section chief – mechanical
Nelco Mechanical Ltd.

Leverage Uponor Construction Services

Uponor Construction Services provides support from design to installation to commissioning – and beyond.

"They engineered a drawing showing all our different zones and manifold locations. The design was straightforward and easy to understand."

Steve Zamora, piping foreman
Miller Bonded Inc. (MBI)



► Learn more about how Uponor can help drive your business forward at [uponor.com](https://www.uponor.com).

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