

# Radiant Rollout Mats

Submittal information

Date submitted:

## Project Information

Job name :	Location :
Engineer :	Date submitted:
Contractor :	Submitted by:
Manufacturer's representative :	Approved by :

## Technical Data

Material	PEX
Temp./pressure ratings	73°F (23°C) at 160 psi (11 bar) 180°F (82°C) at 100 psi (6.9 bar) 200°F (93°C) at 80 psi (5.5 bar)
Linear expansion rate	1.1 inch/10°f/100ft (27.94 mm/5.56°c/30.48m)

## Product information and application use

The Radiant Rollout™ Mat features 1/2" or 5/8" Wirsbo hePEXTM tubing that has an oxygen-diffusion barrier that meets German DIN 4726/9. The mat can include a 3/4" reverse-return header with 3/4" ProPEX EP fittings that is pressurized to 20 psi to ensure system integrity. The mat can also be designed without a reverse-return header. In this instance, it is not prepressurized and can connect to a wall manifold such as the TruFLOW™ Classic Manifold



Part name	Part no.	Inner diameter pipe [inch]	Outer diameter pipe [inch]	Weight per UOM [lbs/UOM]
1/2" Wirsbo hePEX Radiant Rollout Mat (6" o.c.), 5 loop	M2306060000	-	-	0
1/2" Wirsbo hePEX Radiant Rollout Mat (9" o.c.), 3 loop	M2309054000	-	-	0
1/2" Wirsbo hePEX Radiant Rollout Mat (12" o.c.), 3 loop	M2312072000	0.4902	0.748	0.005
5/8" Wirsbo hePEX Radiant Rollout Mat (6" o.c.), 5 loop	M2406060000	0.6299	0.8661	0.006
5/8" Wirsbo hePEX Radiant Rollout Mat (9" o.c.), 3 loop	M2409054000	0.6299	0.8661	0.006
5/8" Wirsbo hePEX Radiant Rollout Mat (12" o.c.), 3 loop	M2412072000	0.6299	0.8661	0.01

## Installation

At the jobsite, roll out the mat and, depending on your header/manifold selection, connect to a supply-and-return line using the attached header (optional) or connect each loop to a wall manifold (optional). Contact your local Uponor representative for more information.

## Related applications

Radiant Heating and Cooling Systems  
Permafrost Protection Systems  
Turf Conditioning Systems

## Codes

IMC|UPC|IRC|NBC of Canada|IPC|UFGS|NPC of Canada|UMC|NSPC

## Standards

ASTM F1960|ASTM E119|UL 263|ASTM F876|ASTM F876|ASTM E84|ASTM F2023|ASTM E814|ULC S115|ASTM F877|CSA B137.5|ULC S102.2|CSA B214|NSF-61|ULC S101|NSF-14

## Listings

IAPMO-ES|ICC-ES-PMG|cNSFus-rfh|CCMC|PPI TR-4|CSA|UL|cQAIus P321|HUD MR 1269

## Notes

5' wide; place every 7' length; pre-drilled anchor points; acetal polymer

## Trademark Information

ProPEX® is a registered trademark of Uponor Inc. ProPEX™ is a trademark of Uponor Ltd.

## Contact information

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