

Radiant Rollout Mats

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) |
| Prop 65 label required? | Yes |

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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