

# Mallas Radiant Rollout

## Project Information

|                                |                 |
|--------------------------------|-----------------|
| Job name:                      | Location:       |
| Engineer:                      | Fecha de envío: |
| Contractor:                    | Presentada por: |
| Manufacturer's representative: | Approved by:    |

## Technical data

|                         |  |
|-------------------------|--|
| Material                | PEX  |
| Temp/pressure ratings   | 73 °F (23 °C) at 160 psi (11 bar)<br>180 °F (82 °C) at 100 psi (6.9 bar)<br>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.    | Subcomponent Material   | 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 | UDEL polysulfone (PSU) 20% glass-reinforced for ProPEX engineered polymer (EP) fittings; Acetal polymer for support strip bracing; Nylon zip ties; Brass Schrader valve | -                          | -                          | 0                        |
| 1/2" Wirsbo hePEX Radiant Rollout Mat (9" o.c.), 3 loop  | M2309054000 | UDEL polysulfone (PSU) 20% glass-reinforced for ProPEX engineered polymer (EP) fittings; Acetal polymer for support strip bracing; Nylon zip ties; Brass Schrader valve | -                          | -                          | 0                        |
| 1/2" Wirsbo hePEX Radiant Rollout Mat (12" o.c.), 3 loop | M2312072000 | UDEL polysulfone (PSU) 20% glass-reinforced for ProPEX engineered polymer (EP) fittings; Acetal polymer for support strip bracing; Nylon zip ties; Brass Schrader valve | 0.4902                     | 0.748                      | 0.005                    |
| 5/8" Wirsbo hePEX Radiant Rollout Mat (6" o.c.), 5 loop  | M2406060000 | UDEL polysulfone (PSU) 20% glass-reinforced for ProPEX engineered polymer (EP) fittings; Acetal polymer for support strip bracing; Nylon zip ties; Brass Schrader valve | 0.6299                     | 0.8661                     | 0.006                    |
| 5/8" Wirsbo hePEX Radiant Rollout Mat (9" o.c.), 3 loop  | M2409054000 | UDEL polysulfone (PSU) 20% glass-reinforced for ProPEX engineered polymer (EP) fittings; Acetal polymer for support strip bracing; Nylon zip ties; Brass Schrader valve | 0.6299                     | 0.8661                     | 0.006                    |
| 5/8" Wirsbo hePEX Radiant Rollout Mat (12" o.c.), 3 loop | M2412072000 | UDEL polysulfone (PSU) 20% glass-   | 0.6299                     | 0.8661                     | 0.01                     |

reinforced for ProPEX  
 engineered polymer  
 (EP) fittings  
 Acetal polymer for  
 support strip bracing;  
 Nylon zip ties; Brass  
 Schrader valve

| Part name              | Part no. | Codes   | Standards   | Listings   |
|------------------------|----------|---|---|--|
| Mallas Radiant Rollout | All      | IMC UPC IRC NBC of<br>Canada IPC UFGS NPC of<br>Canada UMC NSPC | ASTM F1960 ASTM E119/UL<br>263 ASTM F876 ASTM E84 ASTM<br>F2023 ASTM E814/ULC S115 ASTM<br>F877 CSA B137.5 ULC S102.2 CSA<br>B214 NSF/ANSI/CAN 61 ULC<br>S101 NSF/ANSI 14 | IAPMO-ES ICC-ES-PMG cNSFus-<br>rfh CCMC PPI TR-4 CSA UL cQAlus<br>P321 HUD MR 1269 |

| Installation   | Related applications  |
|--|---|
| 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. | Radiant Heating and Cooling Systems<br>Permafrost Protection Systems<br>Turf Conditioning Systems |

**Notes**

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

| Footnotes | Contact information   |
|-----------|---|
| -         | <p>Uponor Inc.<br/>           5925 148th Street West<br/>           Apple Valley, MN 55124<br/>           T 800.321.4739<br/>           F 952.891.2008</p> <p>Uponor Ltd.<br/>           6510 Kennedy Road<br/>           Mississauga, ON L5T 2X4<br/>           T 888.594.7726<br/>           F 800.638.9517</p> |