

Ecoflex thermal twin coils

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) |

Product Information and application use

Uponor's Ecoflex® Thermal Twin is a pre-insulated pipe system for buried or aboveground commercial and residential hydronic heating and cooling applications. Service pipes are made from durable Engel-method crosslinked polyethylene (PEX-a) tubing, protected by multilayer PEX-foam insulation and covered by a corrugated, waterproof HDPE jacket. Use with Uponor ProPEX® fittings or WIPEX™ dezincification-resistant (DZR) brass compression fittings. 1



| Part name | Part no. | Inner diameter coil [inch] | Outer diameter coil [inch] | Coil width [inch] | Inner diameter pipe [inch] | Outer diameter pipe [inch] | Weight per UOM [lbs/UOM] |
|--|----------|----------------------------|----------------------------|-------------------|----------------------------|----------------------------|--------------------------|
| 1 1/4" Thermal Twin Jr. with 5.5" Jacket, 600-ft. coil | 5025513 | 5.5 | 12 | 5.5 | 1.054 | 1.375 | 1.28 |
| 1" Thermal Twin with 6.9" Jacket, 600-ft. coil | 5026910 | 6.9 | 12 | 6.9 | 0.862 | 1.125 | 1.3 |
| 1 1/4" Thermal Twin with 6.9" Jacket, 500-ft. coil | 5026913 | 6.9 | 12 | 6.9 | 1.054 | 1.375 | 1.4 |
| 1 1/2" Thermal Twin with 6.9" Jacket, 300-ft. coil | 5026915 | 6.9 | 12 | 6.9 | 1.244 | 1.625 | 1.55 |
| 2" Thermal Twin with 7.9" Jacket, 300-ft. coil | 5027920 | 7.9 | 12 | 7.9 | 1.629 | 2.125 | 2.68 |
| 2 1/2" Thermal Twin with 7.9" Jacket, 300-ft. coil | 5027925 | 7.9 | 12 | 7.9 | 2.011 | 2.625 | 3.4 |

Installation

Install Ecoflex Thermal Twin pre-insulated pipe in buried or aboveground hydronic heating and cooling applications. Ecoflex End Caps are required on all exposed ends of Ecoflex pipes to avoid ground water contamination. For more information, refer to the Uponor Pre-insulated Pipe Systems Design and Installation Manual.

Related applications

- Pre-Insulated Pipe Systems
- Hydronic Heating and Cooling Systems
- Radiant Heating and Cooling Systems
- Permafrost Prevention Systems
- Turf Conditioning Systems
- AquaSAFE™ Fire Safety Systems

Codes

UPC|IPC|NPC of Canada|UMC|NSPC|IMC

Standards

ASTM F877|ASTM F1960|CSA B137.5|ASTM F876|NSF-61|ASTM F876|NSF-14

Listings

cNSFus-pw|cNSFus-rfh|U.P.Code

Trademark information

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

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