

Ecoflex potable PEX single coils

Project information

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

Technical data

|                       |  |
|-----------------------|--|
| Material              | PEX  |
| Subcomponent Material | Jacket:<br>Corrugated, seamless high-density polyethylene (HDPE); UV-protected                                 |
| 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) |

Product information and application use

Ecoflex® Potable PEX Single features Uponor AquaPEX® service pipe protected by multilayer PEX-foam insulation and covered by a corrugated, waterproof HDPE jacket. Use Ecoflex Potable PEX Single for hot and cold potable-water applications.

Note: Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PEX Piping Systems Design and Installation Manual.



| Part name   | Part no. | Inner diameter coil [inch] | Outer diameter coil [inch] | Coil width [inch] | Inner diameter pipe [inch] | Outer diameter pipe [inch] | R value | Weight per UOM [lbs/UOM] |
|---|----------|----------------------------|----------------------------|-------------------|----------------------------|----------------------------|---------|--------------------------|
| 3/4" Potable PEX with 2.7" Jacket, 1,000-ft. coil | 5212775  | 2.7                        | 12                         | 2.7               | 0.671                      | 0.875                      | 9.3     | 0.35                     |
| 1" Potable PEX with 2.7" Jacket, 1,000-ft. coil   | 5212710  | 2.7                        | 12                         | 2.7               | 0.862                      | 1.125                      | 7.4     | 0.38                     |
| 1" Potable PEX with 5.5" Jacket, 600-ft. coil     | 5215510  | 5.5                        | 12                         | 5.5               | 0.862                      | 1.125                      | 12.3    | 0.75                     |
| 1 1/4" Potable PEX with 5.5" Jacket, 500-ft. coil | 5215513  | 5.5                        | 12                         | 5.5               | 1.054                      | 1.375                      | 10.7    | 0.85                     |
| 1 1/2" Potable PEX with 6.9" Jacket, 300-ft. coil | 5216915  | 6.9                        | 12                         | 6.9               | 1.244                      | 1.625                      | 10.8    | 1.4                      |
| 2" Potable PEX with 6.9" Jacket, 300-ft. coil     | 5216920  | 6.9                        | 12                         | 6.9               | 1.629                      | 2.125                      | 8.9     | 1.8                      |
| 3" Potable PEX with 7.9" Jacket, 300-ft. coil     | 5217930  | 7.9                        | 12                         | 7.9               | 2.398                      | 3.125                      | 7       | 2.8                      |

| Part name                        | Part no. | Codes                      | Standards  | Listings |
|----------------------------------|----------|----------------------------|--|----------|
| Ecoflex potable PEX single coils | All      | UPC IPC NPC of Canada NSPC | ASTM F1960 CSA B137.5 NSF/ANSI/CAN 61 ASTM F876 NSF/ANSI 14 ASTM F2023 ASTM F877 | U.P.Code |

| Installation  | Related applications  |
|---|---|
| Install Ecoflex Potable PEX Single in hot or cold potable-water applications. Join pipes using Uponor ProPEX®. Ecoflex End Caps are required on all exposed ends of Ecoflex pipes to avoid ground water contamination. For additional information, refer to the Uponor Pre-insulated Pipe Systems Design and Installation Manual. | Pre-Insulated Pipe Systems<br>Permafrost Prevention Systems<br>Plumbing Systems |

| Footnotes | Contact information  |
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