

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: Corrugated, seamless high-density polyethylene (HDPE); UV-protected |
| 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

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

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.

Related applications

- Pre-Insulated Pipe Systems
- Permafrost Prevention Systems
- Plumbing Systems

Footnotes

Contact information

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