

Ecoflex potable PEX single coils

Project information

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

Technical data

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|-----------------------|--|
| Material | PEX |
| Subcomponent Material | 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 [mm] | Outer diameter coil [mm] | Inner diameter pipe [mm] | Outer diameter pipe [mm] | R value | Inner diameter Service Pipe [mm] | Outer diameter Service Pipe [mm] | Weight per UOM [kg/UOM] |
|---|----------|--------------------------|--------------------------|--------------------------|--------------------------|---------|----------------------------------|----------------------------------|-------------------------|
| 3/4" Potable PEX with 2.7" Jacket, 1,000-ft. coil | 5212775 | 1079.5 | 1905 | 17.04 | 68.58 | 9.3 | 17.04 | 22.22 | 0.159 |
| 1" Potable PEX with 2.7" Jacket, 1,000-ft. coil | 5212710 | 1079.5 | 1905 | 21.9 | 68.58 | 7.4 | 21.9 | 28.58 | 0.172 |
| 1" Potable PEX with 5.5" Jacket, 600-ft. coil | 5215510 | 1117.6 | 2108.2 | 21.9 | 139.7 | 12.3 | 21.9 | 28.58 | 0.363 |
| 1 1/4" Potable PEX with 5.5" Jacket, 500-ft. coil | 5215513 | 1117.6 | 2108.2 | 26.77 | 139.7 | 10.7 | 26.77 | 34.92 | 0.363 |
| 1 1/2" Potable PEX with 6.9" Jacket, 300-ft. coil | 5216915 | 1117.6 | 1981.2 | 31.6 | 175.26 | 10.8 | 31.6 | 41.28 | 0.662 |
| 2" Potable PEX with 6.9" Jacket, 300-ft. coil | 5216920 | 1117.6 | 1981.2 | 41.38 | 175.26 | 8.9 | 41.38 | 53.98 | 0.794 |
| 3" Potable PEX with 7.9" Jacket, 300-ft. coil | 5217930 | 1117.6 | 2133.6 | 60.91 | 200.66 | 7 | 60.91 | 79.38 | 1.27 |

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

| Footnotes | Contact information |
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