

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	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
-	Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739 F 952.891.2008 Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.638.9517