

# Ecoflex potable PEX twin 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 Twin features two Uponor AquaPEX® service pipes protected by multilayer PEX-foam insulation and covered by a corrugated, waterproof HDPE jacket. Use Ecoflex Potable PEX Twin for hot and cold potablewater applications. Join pipes using Uponor ProPEX® or WIPEXTM fittings.

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]
1" Potable PEX Twin with 6.9" Jacket, 600-ft. coil	5226910	1066.8	2463.8	21.9	175.26	11.3	21.9	28.58	0.699
1 1/4" Potable PEX Twin with 6.9" Jacket, 500-ft. coil	5226913	1117.6	2514.6	26.77	175.26	9.5	26.77	34.92	0.776
1 1/2" Potable PEX Twin with 6.9" Jacket, 300-ft. coil	5226915	1117.6	1981.2	31.6	175.26	7.7	31.6	41.28	0.703
2" Potable PEX Twin with 7.9" Jacket, 300-ft. coil	5227920	1117.6	2133.6	41.38	200.66	6.5	41.38	53.98	1.216

Part name	Part no.	Codes	Standards	Listings
Ecoflex potable PEX twin 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

Install Ecoflex Potable PEX 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
- AquaSAFE™ Fire Safety 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