

Ecoflex potable PEX plus 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)
R value	10.7

Product information and application use

Ecoflex® Potable PEX Plus features Uponor AquaPEX® service pipe with a heat-trace cable running the length of the pipe to provide energy-efficient freeze protection. The pipe and heat-trace cable is protected by multilayer PEX-foam insulation and covered by a corrugated, waterproof HDPE jacket. Use Ecoflex Potable PEX Plus 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]	Inner diameter Service Pipe [in]	Outer diameter Service Pipe [in]	Weight per UOM [lbs/UOM]
1-1/4" Potable PEX Plus with 5.5" Jacket, 5 W/ft. 240VAC	54555513	44	83	42	1.054	5.5	1.054	1.375	1.05

Part name	Part no.	Codes	Standards	Listings
Ecoflex potable PEX plus coils	54555513	UPC IMC IPC UMC NSPC NPC of Canada	ASTM F1960 ASTM F2023 CSA B137.5 NSF/ANSI 14 NSF/ANSI/CAN 61 ASTM F876 ASTM F877	-

Installation	Related applications
Install Ecoflex Potable PEX Plus in hot or cold potable-water applications. Join pipes using Uponor ProPEX® or WIPEX™ fittings.2 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 PEX-a 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