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	5455551 3	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

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.

Related applications

Pre-Insulated Pipe Systems

Permafrost Prevention Systems

PEX-a Plumbing Systems

Footnotes

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Contact information

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