

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.1

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]	R value	Inner diameter Service Pipe [in]	Outer diameter Service Pipe [in]	Weight per UOM [lbs/UOM]
1" Potable PEX Twin with 6.9" Jacket, 600-ft. coil	52269 10	42	97	64	0.862	6.9	11.3	0.862	1.125	1.54
1 1/4" Potable PEX Twin with 6.9" Jacket, 500-ft. coil	52269 13	44	99	54	1.054	6.9	9.5	1.054	1.375	1.71
1 1/2" Potable PEX Twin with 6.9" Jacket, 300-ft. coil	52269 15	44	78	49	1.244	6.9	7.7	1.244	1.625	1.55
2" Potable PEX Twin with 7.9" Jacket, 300-ft. coil	52279 20	44	84	53	1.629	7.9	6.5	1.629	2.125	2.68

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

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Contact information

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