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 [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]
	3/4" Potable PEX with 2.7" Jacket, 1,000-ft. coil	5212775	42.5	75	32	0.671	2.7	9.3	0.671	0.875	0.35
	1" Potable PEX with 2.7" Jacket, 1,000-ft. coil	5212710	42.5	75	32	0.862	2.7	7.4	0.862	1.125	0.38
	1" Potable PEX with 5.5" Jacket, 600-ft. coil	5215510	44	83	55	0.862	5.5	12.3	0.862	1.125	0.8
	1 1/4" Potable PEX with 5.5" Jacket, 500-ft. coil	5215513	44	83	46	1.054	5.5	10.7	1.054	1.375	0.8
	1 1/2" Potable PEX with 6.9" Jacket, 300-ft. coil	5216915	44	78	49	1.244	6.9	10.8	1.244	1.625	1.46
	2" Potable PEX with 6.9" Jacket, 300-ft. coil	5216920	44	78	49	1.629	6.9	8.9	1.629	2.125	1.75
✔	3" Potable PEX with 7.9" Jacket, 300-ft. coil	5217930	44	84	53	2.398	7.9	7	2.398	3.125	2.8

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

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.

Related applications

Pre-Insulated Pipe Systems

Permafrost Prevention Systems

Plumbing Systems

Footnotes

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Contact information

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